

63.01  
Canada  
1920

# McDonald's

63.01

ESTABLISHED 1876

LIBRARY  
RECEIVED  
★ MAR 1 1920 ★  
U. S. Department of Agriculture.

63.01

## SEED ANNUAL for 1920

KING ASTERS  
WHITE, CRIMSON,  
VIOLET, PINK,  
PRICE 15¢ PKT.  
ONE PKT. OF EACH 50¢



Kenneth M. Donald & Sons Limited Market Square  
OTTAWA, CAN.





**Poultry  
Supplies  
Dept.**



**Vegetable  
Seeds  
Dept.**



**Section of Shipping Department**

## To All Ordering Seeds by Mail

This information is given for the purpose of assisting those who order by mail and to avoid all misunderstandings and aggravating delays in receipt of goods.

### WHEN BEST TO ORDER.

The mailing of this Catalogue is an indication that we are ready and fully equipped for filling orders. Help us to help you by making up your list today. Nothing can be lost, and possibly much gained, by giving this important matter your earliest possible attention.

### HOW BEST TO ORDER.

When ordering, please use the Order Sheet in the back of this Catalogue, as such orders go direct to our order department without recopying.

**WRITE DISTINCTLY, GIVING FULL NAME AND ADDRESS.** Sometimes orders lack name or post office address and cannot be filled until they are identified. Additional order forms will be sent on request.

### REGARDING ERRORS.

Years of experience in the conducting of a successful mail order seed business have taught us the best system of handling the rush of spring business with the minimum of errors. We take the utmost care in filling orders, and seldom make mistakes, but when an error occurs we wish to be immediately notified of the fact, when we will make a satisfactory correction as speedily as possible. Kindly keep copies of all your orders for comparison.

### HOW BEST TO REMIT.

Remittances may be sent at our risk by any of the following methods: Post Office Money Order, Postal Notes, Bank Draft, Express Money Order, or by Registered Letter. In case of personal cheques, exchange should be added, if not accepted and made payable at par Ottawa. The Postal Authorities prohibit the use of stamps for whole or part of remittances, unless for small amounts of 20c. and under.

### ABOUT SUBSTITUTING.

In normal times, we have consistently set our faces against substitution on any part of a customer's order. Present conditions, however, are abnormal and many varieties of seeds are very short in supply, and some entirely unobtainable. Under these conditions we are obliged to announce, that we will substitute on any order, when necessary, unless you expressly stipulate, "No substitution." Should it be necessary to substitute, we will use our best judgment in sending you satisfactory seeds of equal or greater value. In no case will we substitute unless absolutely necessary, and then only on the distinct understanding, that if we fail to satisfy you in the matter of selection, you may return the seeds and have your money refunded.

### WE PAY THE POSTAGE.

All vegetable and flower seeds in this catalogue, except Beans, Peas and Corn, are delivered by mail, free anywhere in Canada.

All heavy field seeds are sent by express or freight at purchaser's expense, unless otherwise noted. Fertilizers, insecticides and garden sundries are also sent by express or freight at purchaser's expense, unless otherwise noted.

### C. O. D.

We do not send goods collect on delivery, as the cost of collection charges is quite an unnecessary item of expense; and as prices are given in catalogue, there is no reason why goods should be so ordered.

### EXPRESS OR FREIGHT

When ordering be sure to state whether shipment is to be made by express or freight, otherwise in the absence of instructions, we will use our own discretion, shipping as we may consider most convenient or advantageous to the purchaser.

### FLAG OR PRE- PAY STATIONS.

When shipments are to be made to stations having no agent, prepayment of charges is always necessary. We, therefore, ask all who are situated at these points, to add sufficient to amount of remittance to cover cost of carriage.

### ABOUT WARRANTY.

We have the vitality of all seeds tested before sending them out, and only those of strong germination are sold. Most failures of seed are due to causes beyond our control, such as unfavorable weather and soil conditions; sowing too deep or too shallow; insects of different descriptions destroying the plants as soon as or before they appear; all of which render it impossible for us to guarantee success. While we exercise the greatest care to have all seeds pure and reliable, in common with other seedsmen, we give no warranty, expressed or implied, and will not be responsible in any way for the crop. If the purchaser does not accept the seeds on these terms and conditions, they must be returned at once.





# McDonald's Seed Book

44th YEAR—1920

**T**HIS is an age when demand is greater than supply—when the consumer is overtaking the producer's capacity.

Is it any wonder that the cry of "back to the land" is on the tongue of every practical economist?

Every citizen with a plot of soil at his command can become a producer, thereby "doing his bit" in combating the cost of living. Every piece of land lying idle is neglected opportunity, for each square foot of earth is a virtual producer, and Mother Earth is generous in her rewards when given a fair chance.

In planting your seeds, the first and most important precaution to be taken is that they grow—and the surest way to guard against failure is by careful choosing.

Leave nothing to chance! Guard against failure by securing the best that money can buy. Do not wait for the seeds to sprout to show their worth, for if they



prove unsatisfactory much money, labor and valuable land shows nothing but a loss.

McDonald seeds are good seeds. They are all thoroughly tested for germination and no seeds are sold for public use that will not stand the test.

Plant seeds which have long passed their experimented stage! Plant seeds raised by skilled growers!! Seeds that grow!! McDonald's Seeds!!! Our 1920 Seed Book is a safe and reliable guide to good seed.

*Kenneth McDonald Sons Limited*





# Novelties and

We are continually endeavoring to improve our strains and varieties—and each year present a list of novelties and specialties. All of these have been thoroughly tested and tried out until they have reached the point where we can confidently submit them as especially good varieties which the grower can well consider. They are all backed by the McDonald trademark.



**Celery**  
"COLUMBIA"

Recommended as a Main Crop Variety

A valuable sort to follow Paris Golden Yellow. Stored at the same time it will be ready for use immediately following that variety. The stalks are broad and thick, almost round, solid and of highest quality. "Columbia," is of most attractive appearance, medium in height, blanches easily, and is a good winter keeper. Pkt. 10c; oz. 50c, postpaid.

## Bantam Evergreen Corn

**BANTAM EVERGREEN.**—Bantam Evergreen (Golden Bantam X Stowell's Evergreen) is the first successful Bantam cross. The sweetness of Bantam is retained and the ears are well between the two for size. Like all crosses it takes many years to breed a uniform stock, and as a result there still remains about 20 per cent somewhat off type. In season it is ready about same time as Crosby's Early. We have grown Bantam Evergreen with very satisfactory results, and can unhesitatingly recommend it as a variety worthy a place in any garden as a main crop sort. Pkt. 10c; ½ lb. 25c; lb. 45c; 5 lbs. \$2.00.

## Pe-Tsai or Celery Cabbage

An Excellent Salad Plant—Something Worth While

While belonging to the cabbage family it presents the appearance of Cos Lettuce. The large mid-ribs of the leaves are perfectly white, crisp and tender, making a most delicious salad; also, excellent for "greens" when cooked and served like spinach. Seed should be sown about July 15th for fall and winter use, early plantings soon run to seed, in which case the plant will be useless. Have drills say 2½ feet apart, allowing plants to stand about one foot apart in the row. Pkt. 10c; oz. 60c; postpaid.

## Beans—Kentucky Wonder Wax

Tall Growing or Pole Beans

If you have grown the famous green-pod "Kentucky Wonder," you will understand how good and how desirable a sort is "Kentucky Wonder Wax," when we say it is quite equal, and of course preferable to those who like best the wax or golden colored pod. It is an abundant yielder, while the pods are of enormous size, broad, meaty and remarkably tender and stringless. Pkt. 10c; ½ lb. 30c; lb. 50c; 5 lbs. \$2.25.



Bantam Evergreen

## Carrot

New Forcing Amsterdam

Something entirely new in a Carrot which should find its way into every garden. It is without a single exception the earliest of all garden carrots. The roots are blunt pointed and from three to five inches long; flesh bright red, almost coreless. The neck is very small surmounted with slender stems and short laced leaves. We do not hesitate to say that this carrot will please all who grow it. Pkt. 10c; oz. 25c, postpaid.

## Early Wonder Beet

There's nothing finer in a turnip-shaped beet than this which has been improved by careful selection over a period of several years. The roots are of perfect shape and of a beautiful dark red color, and possess all the good qualities that can be desired for culinary and market purposes. Pkt. 10c; oz. 20c; 2 ozs. 35c; ¼ lb. 60c; lb. \$1.75, postpaid.

## Celery

PARIS GOLDEN YELLOW

French Grown Seed. Originator's Stock

Undoubtedly the most popular variety of celery in present day use. The stalks are of medium length, quite thick, solid, and deliciously tender, brittle and sweet. When blanched the stalks are a creamy-white in color and the leaves a beautiful golden yellow. While not perhaps generally known, there is a vast difference in the seed of this variety. American grown seed is never equal to select French stock. Soft and hollow stalks are usually the result of sowing American grown seed. French grown seed, originator's stock is what we offer and can recommend. Pkt. 15c; ¼ oz. 40c; ½ oz. 70c; oz. \$1.25, postpaid.



Kentucky Wonder Wax



## Specialties

### Musk Melon

"HONEY DEW"

A Melon that Will Keep from Six to Eight Weeks after Picking

Several new melons of merit have come to us from the famous Rocky Ford district, but "Honey Dew" is entirely different from any one of its predecessors. The melons are of large size and solid, weighing from eight to ten pounds. The skin is smooth, a dull white in color showing little indication of netting. It is green-fleshed, very thick meated, unusually juicy and deliciously sweet. We offer as a novelty and for trial only, as its cultivation is not fully assured as yet for Canadian climate. Pkt. 10c; oz. 40c; 2 ozs. 70c; ¼ lb. \$1.25, postpaid

### Water Melon

"HALBERT HONEY"

A Splendid Sort for Canadian Climate

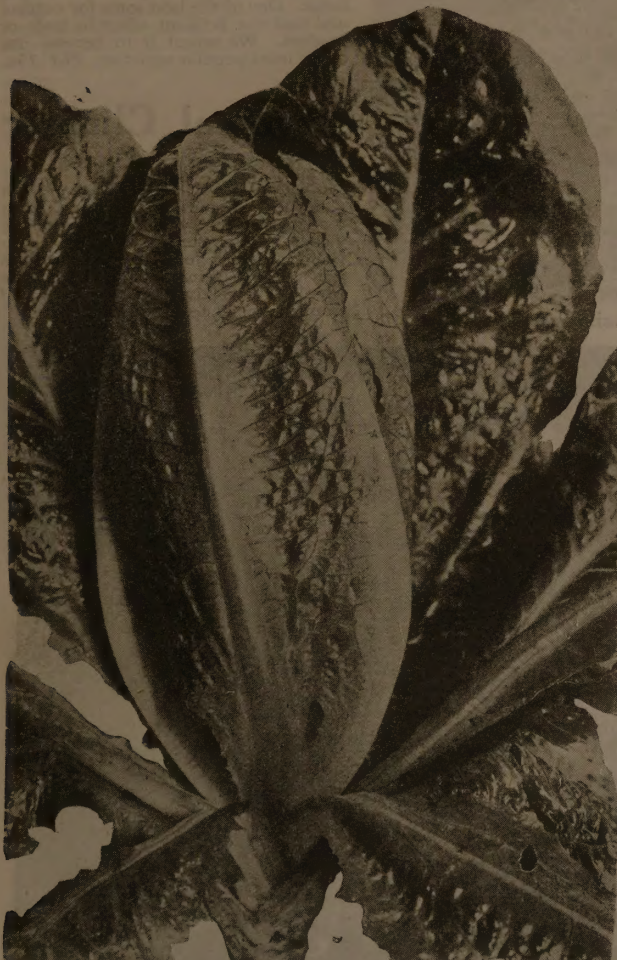
A fine new Watermelon that will soon win favor for its superb luscious flavour. It is quite early, of strong, vigorous growth and fruits very freely. The melons are eighteen to twenty inches long, glossy dark green skin, with beautiful crimson flesh. Pkt. 10c; oz. 25c; 2 ozs. 40c; ¼ lb. 75c, postpaid.

### Lettuce

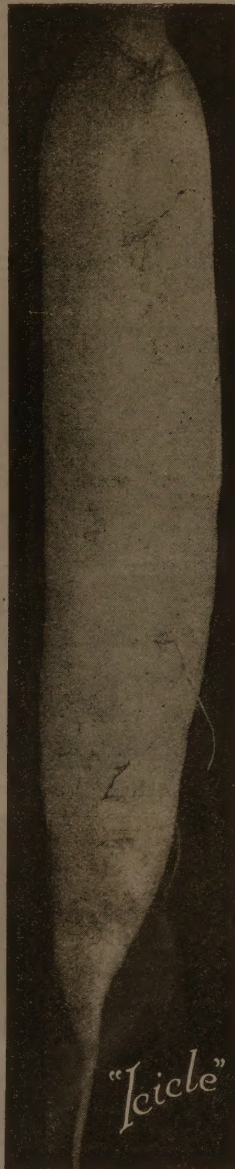
McDONALD'S "SALAD ICE"

Nothing Quite So Good in Cos Lettuce

An entirely distinct and most valuable sort we recommend as the finest and most highly selected White Lettuce in cultivation. It is of largest size, self-folding, beautiful form, very crisp, and free from any trace of bitterness. The plant remains a long time in table condition without running to seed even in the hot months of summer. If you like Cos Lettuce, you will undoubtedly find "Salad Ice" entirely satisfactory. Pkt. 10c; oz. 35c; 2 ozs. 60c; ¼ lb. \$1.00, postpaid.



McDonald's Salad Ice



### RADISH—"ICICLE"

Extra Early; Exceedingly Crisp and Tender

The Icicle is a long white radish, slender and tapering in shape. It grows to market size in from twenty-five to thirty days; flesh is crisp, brittle, and in no way pithy, remaining in fine table condition until fully grown. Quite good for forcing and splendid for outdoor planting. Pkt. 10c; oz. 20c; 2 ozs. 35c; ¼ lb. 60c; lb. \$2.25, postpaid.



### Cucumber

EARLY FORTUNE

Will Produce A Crop in 52 Days

This new and distinct variety is one of the finest strains we have ever known of for general use. It was discovered several years ago in a field of "Davis Perfect," but the type has now become so well established that large fields do not show any variation in either the plant or fruit. The vine makes a strong and vigorous growth, and the leaves which are a little larger than those of ordinary sorts are of a thick texture which is very resistant to disease. The rich dark green fruits average from 7 to 8 inches in length and retain their color for a remarkably long time. The flesh is thick; the seed cavity relatively small, and the quality particularly fine whether for slicing or the making of pickles. "Early Fortune," cannot be surpassed for its general good quality. Pkt. 10c; oz. 25c; 2 ozs. 40c; ¼ lb. 75c, postpaid.

### Onion

PRIZETAKER RED GLOBE

If You Grow Onions You Should Include This

Prizetaker Red Globe surpasses all others in productiveness, perfection of shape, uniformity of size, richness of color and long keeping qualities. In fact, after several years experience with it, we believe we are offering the most perfect globe onion in existence. So great has been the demand for "Prizetaker Red Globe," that we would urge the importance of early orders, the demand for this seed in past seasons having been greater than we have been able to supply. If you want to make sure of "Prizetaker Red Globe," do not delay your order. Pkt. 10c; oz. 40c; 2 ozs. 75c; ¼ lb. \$1.40; lb. \$5.00, postpaid.

### Radish

EMDRUP FORCING

Something particularly fine in a Scarlet Turnip White Tipped Radish. In twenty days from the germination of the seed the roots are in an edible condition. It is undoubtedly one of the very best sorts for forcing under glass or open ground culture. The color is a beautiful sparkling scarlet blending into a white tip; flesh is very white, crisp, juicy and mild, retaining its crispness and never becoming pithy. Pkt. 10c; oz. 30c; 2 ozs. 55c; ¼ lb. 90c; lb. \$3.00, postpaid.



## Flower Novelties and Aster

210. **GIANT COMET "GOLIATH," MIXED.**—This is an unusually good mixture saved from selected plants and containing fine clear colours only. Our growers say it is "the largest and finest exhibition variety in existence." All colors mixed. Pkt. 20c.

### The Four King Asters

These lovely new Asters are quite distinct from all others in the character of the flowers. The long, narrow petals are folded lengthwise and appear almost as though quilled. Plants are of vigorous growth and bear magnificent, full, double flowers on long stems. The blooms are large and of good substance, and last longer when cut than any other class.

245. **CRIMSON KING.**—Rich, brilliant crimson of great size & substance. Pkt. 15c.

246. **VIOLET KING.**—Dark violet of fine form and colour. Pkt. 15c.

247. **WHITE KING.**—Snowy white, a grand variety for market work. Pkt. 15c.

248. **PINK KING.**—Delicate lavender pink, splendid for cutting. Pkt. 15c.

One pkt. each of the four King Asters for 50c.

### Hercules Aster

297. **HERCULES.**—A new, giant flowered Aster of the Ostrich Plume type. It is a strong grower and produces large, double blooms of a beautiful, brilliant rose. Fine exhibition variety. Pkt. 20c.



Aster Hercules

### Pansy

McDonald's

Royal Exhibition Mixture

1435. **McDONALD'S ROYAL EXHIBITION MIXTURE.**—This superb strain is our finest mixture as to size, texture and colouring, and is the result of many years selection. Flowers are large, finely curled and includes the most charming and richly coloured stained and blotched varieties. Our seed is saved from some of the best prize collections and all seeds are saved direct from prize plants. Pkt. 35c.

### Nemesia

1315. **STRUMOSA SUTTONI.**—Colors range from glowing vermillion and orange scarlet to the most brilliant shades of rosy purple, the great variety of color being one of the most interesting features of this strain. This is one of the most beautiful annuals ever introduced, having been greatly improved both in size and color. Height 15 inches. Pkt. 25c.



Schizanthus Wisetonensis Excelsior

### New Red Sunflower

1845. One of the most striking and brilliant of recent novelties. It is a true annual Sunflower, but bears numerous handsome, dark-centred flowers banded with bright chestnut red merging to yellow at the tips of the petals. When cut with long stems they make a magnificent decorative cut flower and show to great advantage under artificial light. Not all of the plants come true from seed, but by discarding all the seedlings which show no purple in stem or leaf, the common yellows will be eliminated. They are as easily grown as any other Sunflower and bloom in about 8 weeks from seed. Give them a sunny position and set them 3 feet apart, as they are of free branching habit and bloom profusely. Pkt. 15c.

### Schizanthus

(Butterfly Flower)

1775. **WISETONENSIS EXCELSIOR.**—This new strain is a marked improvement, the individual blooms frequently measure 1½ to 1¾ inches across. The colors include all shades of buff, white, pink, rose and yellow, with beautiful markings which render them exquisitely beautiful. Makes a handsome pot plant for window culture. Pkt. 25c.

### Heliotrope

956. **REGALE.**—An improved and magnificent variety of dwarf giant-flowered Heliotrope. The plants are of bushy, compact form, and the large masses of bloom of surpassing beauty and fragrance. Without doubt the largest and finest of all Heliotropes. Pkt. 15c.

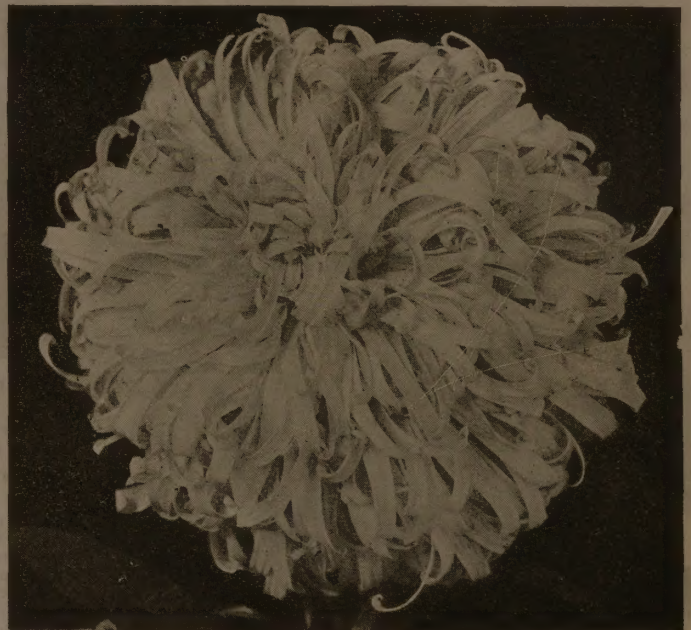
### New Red Aster

249. **CRIMSON GIANT.**—A fine new Aster with extra large, densely double flowers of rich blood-crimson. It is of upright growth and vigorous branching habit. One of the best sorts for cutting and makes a brilliant effect in beds or borders. We expect it to become one of the most popular varieties. Pkt. 15c.

### Cardinal Climber

(Ipomœa Cardinalis)

560. **CARDINAL CLIMBER.**—Each plant bears a multitude of rich, glowing scarlet flowers which average 1½ inches in diameter, and blooms continuously from July till frost. Leaves are deeply lacinated like Japanese Maple. Quickly attains a height of from 15 to 20 feet. Pkt. 15c.



Aster Giant Comet "Goliath"



## Specialties for 1920



Nemesis (Strumosa Suttoni)

### Sweet Peas

2147. **THE LADY EVELINE.**—A new, rosy mauve, Sweet Pea, ideal for all purposes. It is bound to be the mauve of the show bench. Its great size and lovely color are enhanced by the perfect placing of the flowers, which are duplex in character. For garden decoration the rows or clumps are covered with huge blooms, and four-bloomed sprays are common. Pkt. 20c.

2167. **YARRAWA.**—This new variety from Australia has lived up to its glowing recommendations. The color is a bright rose-pink with a creamy base, the wings being slightly lighter in tone. The flowers are exquisite y waved, and usually fours, on extra long stout stems. Pkt. 20c.

2095. **ILLUMINATOR.**—A variety almost impossible to describe, owing to its rare beauty. The flowers are of a glowing orange scarlet color, beautifully waved, and borne on long stems. Pkt. 15c.

2110. **KING WHITE.**—The best white Sweet Pea in existence. For size, purity in color, wavy standards, no other pea can compare with the "King White." Four flowers are usually borne on each stem. Pkt. 15c.



Sweet Pea  
"The Lady Eveline"



New Red Sunflower

2155. **WEDGEWOOD.**—The finest blue Spencer Sweet Pea. In color, this pea is a unique shade of Wedgewood blue, and is borne in four flowered sprays well placed on a long stout stem. Pkt. 15c.

2165. **SUPERB MIXED SPENCERS.**—This is the finest blending of the new Giant Flowered Spencers yet offered. Over a hundred of the finest named varieties go to make this splendid mixture and only true Spencer types are used, the choicest we can procure. They are grown for us in one of the choicest locations in England, where both plants and flowers attain their highest perfection. It has been conclusively proved that these English grown sweet peas, ripening slowly through the long, cool season, are more thoroughly matured, and inherit greater stamina and a constitution decidedly more healthy and vigorous than the California seed.

Our experience in past years gives us the utmost confidence in offering this as the finest mixture procurable, with an inherent hardiness specially suited to our climate. It is composed of true Giant Spencer varieties only, with none of the small flowered sorts thrown in to reduce its cost. 1-4 lb. \$1.40; oz. 45c; ½ oz. 25c; Pkt. 10c.



## A Few Hints on Flower Culture

**T**HESE cultural directions are necessarily brief owing to the limited space at our disposal. However, most of our seed packets have complete directions printed on them and we also have cultural leaflets on Asters, Pansies, Sweet Peas, Annuals from Seed and Hardy Perennials which we send free with orders for such if asked for on orders.

Many of the best annuals, such as Poppies, Mignonette, Alyssum, Sweet Peas, Candytuft, Larkspur, Sunflower, Portulaca, Morning Glory, Centaurea, etc., need not be transplanted, and the seeds of such should, therefore, be sown direct in the soil where the plants are wanted—a border or bed well dug, liberally enriched with well rotted manure, and neatly finished off by giving it the desired form and an even surface with a good garden rake will prove most suitable.

Most varieties are small seeded, and these are sown on the surface of the bed, after which the seed should be pressed gently into the loose soil and only very lightly covered by again levelling the surface. Many of the failures with flower seeds are caused by covering the seeds too deep, so care must be exercised in this regard as the very fine seeds of many varieties cannot possibly germinate if covered too heavily. However, Sunflowers, Sweet Peas, Morning Glory and a few others, must be planted somewhat deeper; Sweet Peas two or three inches deep.

Although seeds must not be sown too thickly, yet a reasonable allowance should be made, when sowing the smaller seeds, for possible failure of germination. If produced too thickly, a thinning out will be necessary when plants have attained a height of an inch or so.

A great number of annuals—and among those some of the choicest—will do better if planted out into permanent borders when

several inches high. The seed of these are started quite early, either in hot-bed or greenhouse, or in a warm situation in a dwelling house. In the latter case, they are sown into shallow boxes or in flower-pots. By keeping the soil warm and moist, they will readily germinate. The little plants when up must have a place in some window, close to the glass. If deprived of light and air, a spindling growth and possibly worthless plants will be the outcome. Later in the spring such boxes can be taken outside, and in a well-sheltered situation the plants will soon attain the right size for planting.



**Stocks.—Large Flowering Ten Weeks**  
No. 1795—Pkt. 10c.—Page 70

In planting out, the best work is done in the evening or on cloudy days. In very dry weather the plants should be watered right after being set out. Most varieties may be handled with safety at any time, providing plants have not been growing too closely in the boxes or seed-bed. In such a case it is a good plan to thin out or transplant at distances of an inch or more into other boxes or frames when still very small. Such plants, if taken out with care, with soil adhering well to the roots, will not mind a transplanting into the garden later on.

**ANNUALS**, are plants that bloom the first year from seed, and die after one season.

**BIENNIALS** bloom the second year from seed and then die, though many if sown early in the spring, will flower the first year.

**PERENNIALS** bloom the second year from seed and the plant lives and blooms during successive years. Many varieties will bloom the first year if started early in hot-bed or window boxes.

## FLOWER SEEDS CLASSIFIED FOR EASY SELECTION

We have compiled the following lists as a convenient help in the selection of flower seeds for different locations and purposes. These varieties are all listed in the following pages and can be readily found as the number of the page is given here.

### HARDY PERENNIALS

These flower the second year from seed and thereafter and are suitable for massing in permanent borders.

| Page                               | Page                         |
|------------------------------------|------------------------------|
| Achillea.....52                    | Gypsophila Paniculata.....61 |
| Aconitum.....52                    | lata.....61                  |
| Agrostemma.....52                  | Heliotrope.....62            |
| Alyssum (Golden).....52            | Hollyhock.....62             |
| Anchusa.....52                     | Hunnemannia.....61           |
| Aquilegia (Columbine).....53       | Incarvillea.....61           |
| Arabis.....53                      | Linum.....63                 |
| Aubrietia.....55                   | Lobelia Cardinalis.....63    |
| Bellis (English Daisy).....55      | Lupinus Arboreus.....63      |
| Coreopsis.....56                   | Lychnis.....63               |
| Campanula.....56                   | Peas (Everlasting).....66    |
| Candytuft (Sempervirens).....56    | Pentstemon.....68            |
| Chrysanthemum (Hardy Sorts).....57 | Phlox (Hardy Sorts).....68   |
| Delphinium.....59                  | Platycodon.....69            |
| Digitalis (Foxglove).....60        | Poppy (Hardy Sorts).....67   |
| Echinops.....59                    | Pyrethrum Hybridum.....67    |
| Forget-me-not (Myosotis).....60    | Scabiosa Caucasica.....70    |
| Gaillardia.....60                  | Statice.....71               |
| Grandiflora.....60                 | Stokesia.....70              |
|                                    | Sweet Rocket.....69          |
|                                    | Sweet William.....71         |
|                                    | Violet.....71                |

### EDGING PLANTS FROM SEED

Suitable for borders and edgings for beds and walks. Those marked H.P. are hardy perennials.

| Page                           | Page                           |
|--------------------------------|--------------------------------|
| Ageratum.....52                | Marigold (Dwarf Sorts).....63  |
| Alyssum.....52                 | Myosotis H.P.....60            |
| Arabis H.P.....53              | Nasturtium (Tom Thumbs).....65 |
| Aubrietia H.P.....55           | Nigella.....64                 |
| Candytuft (Dwarf Sorts).....56 | Pyrethrum Aureum.....67        |
| Lobelia.....63                 | Sweet William.....71           |

### GARDEN ANNUALS AND OTHER PLANTS THAT BLOOM THE FIRST SEASON FROM SEED

| Page                                    | Page                      |
|-----------------------------------------|---------------------------|
| Abronia.....52                          | Kochia.....62             |
| Acroclonium.....52                      | Larkspur.....62           |
| Adonis.....52                           | Lavatera.....63           |
| African Daisy.....53                    | Leptosyne.....63          |
| Ageratum.....52                         | Linaria.....62            |
| Alyssum.....52                          | Lobelia.....63            |
| Amaranthus.....63                       | Love-Lies-Bleeding.....63 |
| Ammobium.....52                         | Malope.....63             |
| Antirrhinum.....53                      | Marigold.....63           |
| Arctotis.....53                         | Mathiola.....63           |
| Aster.....53-54                         | Mignonette.....64         |
| Balsam.....55                           | Mimulus.....63            |
| Bartonia.....55                         | Morning Glory.....64      |
| Brachycome.....55                       | Nasturtium.....65         |
| Calendula.....55                        | Nemesia.....64            |
| Calliopsis.....56                       | Nicotiana.....64          |
| Candytuft.....56                        | Nigella.....64            |
| Canna.....57                            | Nemophila.....64          |
| Carnation.....56                        | Oenothera.....65          |
| Marguerite.....56                       | Pansy.....66              |
| Celosia.....56                          | Perilla.....69            |
| Centaurea.....57                        | Petunia.....69            |
| Chrysanthemum (Annual Varieties).....57 | Phlox.....68              |
| Clarkia.....57                          | Physalis.....69           |
| Cockscomb.....56                        | Poppy.....67              |
| Convolvulus.....64                      | Portulaca.....67          |
| Cosmos.....58                           | Ricinus.....69            |
| Dahlia.....58                           | Rudbeckia.....69          |
| Dimorphotheca.....59                    | Salpiglossis.....70       |
| Eschscholtzia.....60                    | Salvia.....70             |
| Four O'Clocks.....59                    | Scabiosa.....70           |
| Gaillardia (Annual Varieties).....60    | Schizanthus.....70        |
| Godetia.....60                          | Stocks.....71             |
| Gypsophila Elegans.....61               | Sunflower.....65          |
| Helichrysum.....61                      | Sweet Peas.....72-73      |
| Heliotrope.....61                       | Sweet Sultan.....71       |
| Jacobaea.....62                         | Verbena.....71            |
|                                         | Virginian Stock.....71    |
|                                         | Zinnia.....73             |

### PLANTS SUITABLE FOR POT CULTURE THAT MAY BE GROWN FROM SEED

| Page               | Page               |
|--------------------|--------------------|
| Abutilon.....52    | Grevillea.....61   |
| Ageratum.....52    | Heliotrope.....61  |
| Asparagus.....53   | Linaria.....62     |
| Calceolaria.....55 | Mignonette.....64  |
| Carnation.....56   | Mimulus.....63     |
| Cineraria.....57   | Myosotis.....60    |
| Coleus.....57      | Nemesia.....64     |
| Cyclamen.....58    | Petunia.....69     |
| Dracaena.....59    | Primula.....68     |
| Geranium.....61    | Schizanthus.....70 |
|                    | Stocks.....71      |

### PLANTS WHICH DO WELL IN PARTIAL SHADE FROM SEED

| Page                        | Page                            |
|-----------------------------|---------------------------------|
| Antirrhinum.....53          | Forget-me-not (Myosotis).....60 |
| Aquilegia.....53            | Godetia.....60                  |
| Bellis.....55               | Musk.....63                     |
| Canterbury Bells.....56     | Oenothera.....65                |
| Coreopsis (Hardy).....56    | Pansy.....66                    |
| Delphinium.....59           | Poppy.....67                    |
| Digitalis (Foxglove).....60 | Schizanthus.....70              |
|                             | Violet.....71                   |

### CLIMBING VINES FROM SEED

| Page                     | Page                    |
|--------------------------|-------------------------|
| Canary Bird Vine.....55  | Gourds.....61           |
| Cobaea Scandens.....57   | Humulus Japonica.....61 |
| Convolvulus Major.....64 | Moonflower.....64       |
| Cypress Vine.....58      | Morning Glory.....64    |
| Wild Cucumber.....58     | Nasturtium.....65       |
| Dolichos.....58          | Sweet Peas.....72-73    |
|                          | Everlasting Pea.....66  |



# VEGETABLES



**F**OOD is without doubt the most important factor in our scheme of life and is, therefore, prominent in anything relative to the cost of living.

Naturally enough, the law of supply and demand is directly responsible for the actions of the Horn of Plenty, and the greater the production of the world the lesser the cost of the products.

Put your shoulder to the Wheel of Production and help to turn the balance of the scales back to the pre-war conditions.

Make your garden yield you results—results which will amply repay you for the time you put on it.

Grow your own vegetables and be sure they are good specimens of their class.

McDonald's Seeds are good seeds and are potential parents to strong, sturdy, fruit-bearing plants. They are all thoroughly tested and with fair treatment will give the planter a bountiful return.

McDonald's seeds are delivered **FREE** at prices quoted, unless otherwise mentioned, as in the case of Beans, Corn and Peas (see inside cover).

## HOW TO ORDER YOUR VEGETABLES

For your convenience an Order Form is placed in the front of this Catalogue. When your order is sent to us on this form it is handed direct to the Order Department without recopying in our office, thus expediting shipment. Use of this order slip helps you and helps us.

## Artichoke

One ounce will sow 100 feet of row and produce about 500 plants.

**CULTURE.**—Start indoors February or March, or outdoors May or June. Seed should be sown thinly  $\frac{1}{2}$  inch deep, and when large enough transplant to permanent rows three feet apart and two feet between the plants. A deep rich sandy soil is best.

A bed once established will continue to bear for several years, but it is advisable to start new plantings every three years to obtain satisfactory yields. In late fall cut off tops and apply leaves or coarse manure as winter protection.

**LARGE GREEN GLOBE.**—The favorite French variety; buds large, scales green, very thick and fleshy. Pkt. 15c; oz. \$1.20; 1-4 lb. \$4.00 Postpaid.

**JERUSALEM ARTICHOKE ROOTS.**—Grown from the tubers, which are cut and planted like potatoes. They require planting but once, and little or no cultivation is needed after the first year. Plant in open ground in May 12 inches apart in rows 3 feet apart. They do well in poor gravelly soil where few other plants will thrive. They are enormously productive. Used as a table vegetable but especially valuable when grown as feed for hogs. Plant 2 quarts tubers to 100 feet.

Price \$2.00 per bushel; shipped at purchaser's expense; or by mail, 25c. per lb.; 5 lbs. \$1.00

## Asparagus

1 ounce will sow 50 feet of row. 4 pounds per acre.

**CULTURE.**—Sow seed May or June thinly in drills, one inch deep, giving each plant two or three inches space in the row. Soil should be well enriched and thoroughly prepared. When one or two years old, transplant into furrows 2 to 4 feet apart and 10 to 12 inches deep, or as deep as surface soil will permit. Leave about 18 inches between plants in the row. Roots should be well spread and covered to a depth of two or three inches. Fill in gradually as plants grow. Cut very sparingly, if any, the first year after transplanting. In Fall, cut and burn stalks and apply a dressing of coarse manure.

**COLUMBIAN MAMMOTH WHITE.**—A new and entirely distinct variety, producing shoots which stay white as long as fit for use, without earthing up or any other artificial blanching. Pkt. 10c; oz. 20c; 1-4 lb. 50c. Postpaid.

**CONOVER'S COLOSSAL.**—A well-known variety of large size, tender and of good quality. Pkt. 10c; oz. 20c; 1-4 lb. 50c. Postpaid.

**GIANT ARGENTEUIL.**—This handsome variety is of French origin. The shoots are of unusually large size, thick and of superior tenderness and flavor. Pkt. 10c; oz. 20c; 1-4 lb. 50c. Postpaid.

**PALMETTO.**—A most desirable sort of large size and dark green color. More regular and even in size than any other variety. Pkt. 10c; oz. 20c; 1-4 lb. 50c. Postpaid.

**ASPARAGUS ROOTS.**—A saving of two or more years can be made by the planting of roots. See planting directions above.

Price, 2 year old roots—per 25, 75c; per 50, \$1.25  
3 year old roots—per 25, \$1.00; per 50, \$1.75; per 100, \$3.00, by express only, at purchaser's expense.





## Beans

### A RELIABLE CROP THAT PAYS WELL

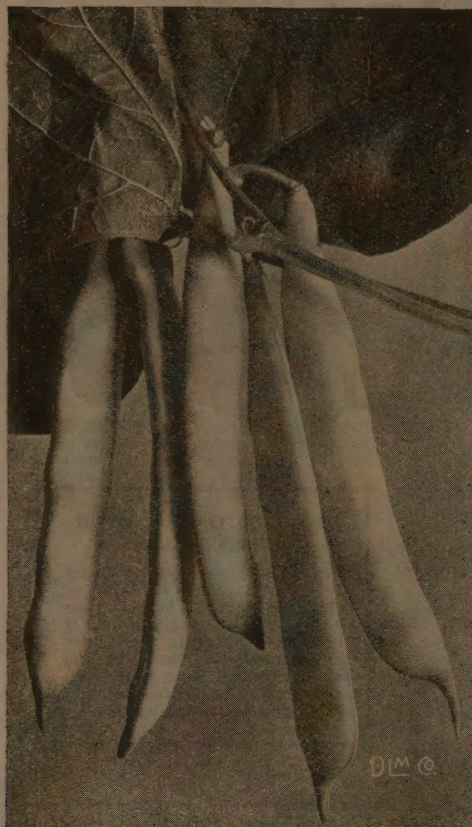
The appetizing, toothsome and succulent properties of bean pods as a green vegetable food have long been recognized and are growing in favor as new varieties and improved strains are produced. They are good yielders—easily grown—and with exercise of care in cultivation assure the grower a good profit. McDonald's Seeds are recognized by experts as the best obtainable.

**CULTURE.**—Beans must not be planted until ground becomes warm and dry. Sow in drills 2 feet apart, placing Beans 2 to 3 inches apart in the rows and 2 inches deep. Plant every two or three weeks, for succession. Keep ground well stirred and free from weeds.

Plant 2 lbs. to 100 feet drill. 1½ bushels per acre.

If wanted by mail, add 5c.  
1-2 lb., 10c. per lb., or 25c. per  
per 5 lbs.

**STRINGLESS GREEN POD.**—The most widely grown of any of the green-podded bush beans. Round podded, thick meated, tender and stringless. Very early and an excellent yielder. Too much can hardly be said in praise of this as a green-podded variety. Pkt. 10c; 1-2 lb. 20c; lb. 35c; 5 lbs. \$1.50.



Improved Golden Wax

### Wax Varieties

**CURRIE'S RUST PROOF.**—One of the best of all wax varieties and absolutely rust proof. The vine is hardy, vigorous and an abundant bearer. The pods are straight and flat, about five inches long, tender and of excellent flavor, light yellow in color. Pkt. 10c; 1-2 lb. 20c; lb. 35c; 5 lbs. \$1.50.

**DAVIS WHITE WAX.**—The plant is vigorous and highly productive, carrying its handsome, long pods in clusters well above the ground. It is very early, rust-proof and entirely stringless. The dry beans are kidney shaped, pure white and fine for cooking purposes. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

**WARDWELL'S KIDNEY WAX.**—Pods are long, broad, flat, and of a waxy color, brittle and entirely stringless. Not inclined to rust or disease. Excellent for home use and widely used by market gardeners. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

**IMPROVED GOLDEN WAX.**—One of the earliest, hardiest and most productive of all wax beans; pods are broad, flat, golden yellow, meaty and well filled. No mistake can be made in planting this variety for either market or family use. Pkt. 10c; 1-2 lb. 20c; lb. 35c; 5 lbs. \$1.50.

**WEBBER WAX BEAN.** An Early, Heavy Yielding, Plump-podded Variety.—A new Wax Bean somewhat resembling Wardwell's Kidney Wax, but with pods rounder and of unsurpassed tenderness and delicious quality. The vine is strong, holding the pods well up from the ground. The pods and seeds are of a handsome bright yellow color. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

**ROUND POD KIDNEY WAX.**—The pods are round, fleshy, of a beautiful waxy color, delightfully tender, brittle and entirely stringless during the entire growth. Round pod beans retain their freshness longer than the flat podded sorts. Pkt. 10c; 1-2 lb. 25c; lb. 45c; 5 lbs. \$2.00.

**PENCIL POD BLACK WAX.**—The pods are truly magnificent, being six to seven inches long, light golden yellow in color, beautifully rounded and deeply saddle backed. The flesh is brittle, solid and entirely stringless; the plants are of true bush form, 15 inches high, hardy and very prolific. A prime favorite and admirably suited to the needs of the market gardener. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.



Keeney's Rustless Wax

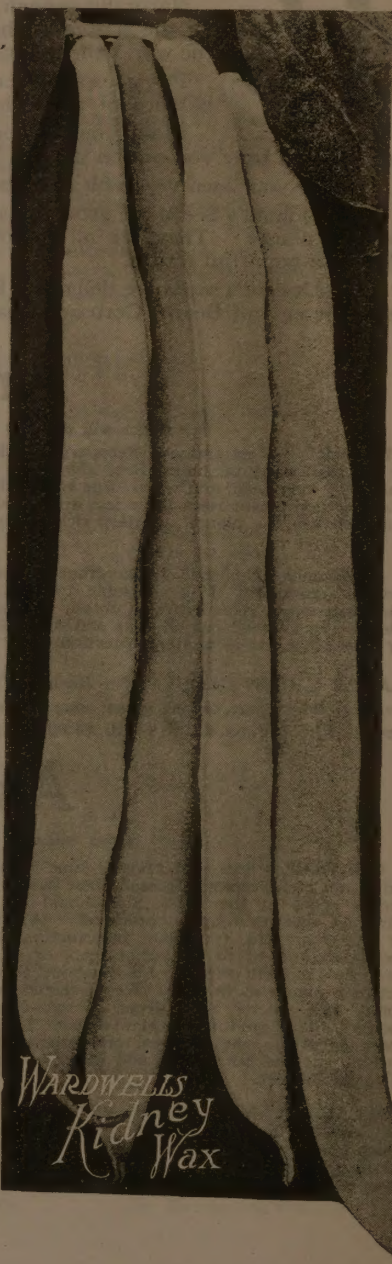
**KEENEY'S RUSTLESS WAX.**—This is an abundant cropper, the vines being fairly loaded with long, straight pods of a bright yellow color. Claimed by some growers to be the largest yielding of the wax sorts. Fine for market use. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

**DETROIT WAX.**—One of the most popular varieties. It is quite rust-proof, prolific, and the quality of the stringless golden yellow beans is excellent. Pkt. 10c; 1-2 lb. 20c; lb. 35c; 5 lbs. \$1.50.

**GOLDEN WAX OR BUTTER.**—A well-known sort with an excellent reputation. The plants are of vigorous growth and produce an abundance of broad, flat pods, which are carried well above the soil. Pkt. 10c; 1-2 lb. 20c; lb. 35c; 5 lbs. \$1.50.

**SCARLET FLAGEOLET WAX.**—Extensively used by market gardeners in all parts of the country, a fact which speaks highly in its favor. The pods are very long, broad, flat and of rich golden yellow color. Pkt. 10c; 1-2 lb. 20c; lb. 35c; 5 lbs. \$1.50.

**HODSON WAX.**—While this sort is just a little later in maturing than most of the other varieties, it produces enormous crops of large, handsome, creamy-yellow pods. The remarkable vigor of the plant is a safeguard against blight and other bean diseases. Highly recommended as a main crop variety. Pkt. 10c; 1-2 lb. 20c; lb. 35c; 5 lbs. \$1.50.





# Seeds That Grow Good Crops



## Green Podded Varieties

**EXTRA EARLY RED VALENTINE.**—Very desirable as an extra early sort for market use. Pods are of medium length; fleshy, round and saddle-backed, with only slight strings. Seed pink, marbled with red. Pkt. 10c; 1-2 lb. 20c; lb. 35c; 5 lbs. \$1.50

**ENGLISH BROAD WINDSOR BEANS.**—Of unusually large size and a yellowish brown color. Plant as early as ground will permit in rows from 2½ to 3 feet apart, in drills 2 inches deep, dropping seed from 4 to 5 inches apart in the row. Earth up when six inches high. When a sufficient blossom has developed to insure a crop, pinch off the tops of the plants. They prefer rich and somewhat moist land, but do well in any good ordinary soil. Pkt. 10c; 1-2 lb. 30c; lb. 50c; 5 lbs. \$2.25

## Dwarf Bush Limas

**BUSH LIMA VARIETIES.**—Use 2 lbs. for 100 hills. Sow beans 2 inches deep, 2 beans to the hill, placing the eyes down. Hills should be 18 inches apart in rows 3 feet apart.

**BURPEE'S IMPROVED BUSH LIMA.**—Comes absolutely true from seed. The bushes grow from 18 to 20 inches high, of stout growth, and always erect, yet branching so vigorously that each develops into a magnificent circular bush from 2 to 3 feet in diameter. It is an immense yielder, the handsome, large pods being filled with large beans, identical in size and luscious flavor with the Pole Limas. Pkt. 10c; 1-2 lb. 35c; lb. 60c; 5 lbs. \$2.75



Curries Rust Proof

**HENDERSON'S BUSH LIMA.**—Earliest of all Limas, wonderfully productive; and although beans are not so large as Burpee's they make up in quantity what they lack in size. Of true bush form and from 18 to 20 inches in height. Pkt. 10c; 1-2 lb. 25c; lb. 45c; 5 lbs. \$2.00

## Pole or Running Varieties

Use poles 6 to 8 feet long, placing them 3½ feet apart each way.

Sow 4 or 5 beans around each pole, and thin to 3 plants to the pole.

**DUTCH CASE KNIFE.**—An early green-podded variety with long, flat, irregular pods, which become creamy white as they mature. The seed is broad, flat and clear white, and makes excellent shelled beans. Pkt. 10c; 1-2 lb. 30c; lb. 50c; 5 lbs. \$2.25

**GOLDEN CLUSTER WAX.**—A magnificent variety, bearing continually the entire season. It is most vigorous in growth, producing its rich golden yellow clusters in great abundance. The pods are from six to eight inches long, exceedingly tender, entirely stringless and of delicious flavor. Pkt. 10c; 1-2 lb. 30c; lb. 50c; 5 lbs. \$2.25

**KENTUCKY WONDER.**—Very early and enormously productive, the long green pods hanging in clusters from top to bottom of pole. Pods of a silvery green color, and entirely stringless. We regard this variety as most desirable, and the best and earliest of all green podded climbing beans. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75

**"KENTUCKY WONDER WAX"** (Pole or Tall Growing).—For city gardens where the area is small this will be found a useful sort. It possesses the desirable qualities of the Kentucky Wonder Green Pod. Pods are of a beautiful transparent yellow and of most delicious flavor. A heavy yielder, the pods hanging in large clusters. Pkt. 10c; 1-2 lb. 30c; lb. 50c; 5 lbs. \$2.25



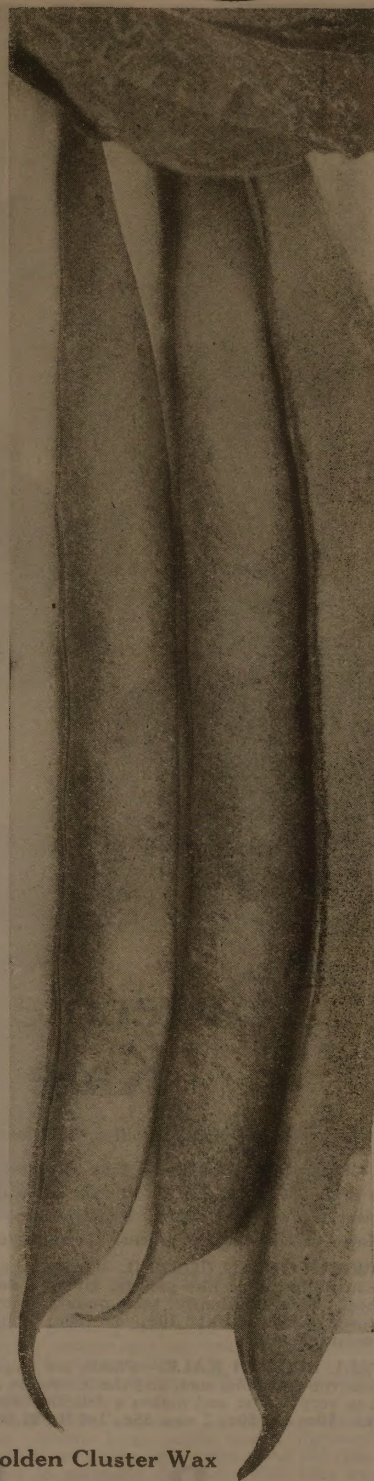
## Stringless Green Pod

**LAZY WIFE.**—The pods are a medium, dark green color, and are produced in clusters, which makes the picking of them an easy task; they are broad, thick, very fleshy, entirely stringless and retain their tender and stringless qualities until nearly ripe. Each pod when ripe contains six or eight round white beans, which are excellent for winter use. Pkt. 10c; 1-2 lb. 30c; lb. 50c; 5 lbs. \$2.25

**SCARLET RUNNER.**—Plants are of strong, quick growth, bearing a profusion of bright scarlet flowers, grow from 12 to 15 feet high, and, while usually cultivated as ornamental climbers the beans when young are very tender and excellent when shelled. Pkt. 10c; 1-2 lb. 30c; lb. 50c; 5 lbs. \$2.25

**WHITE DUTCH RUNNER.**—Identical with Scarlet Runner, except in color of blossom which is white. It is a quick grower and is both ornamental and useful. Pkt. 10c; 1-2 lb. 35c; lb. 60c; 5 lbs. \$2.75

**KING OF THE GARDEN LIMA.**—The largest of the limas and one of the best for main crop use. Vines are most vigorous in growth, and produce a continuous fruitage from top to bottom of the pole throughout the entire season. Pods are of large size measuring from five to eight inches in length, and contain five, six and frequently seven perfectly formed beans of superior edible quality. Pkt. 10c; 1-2 lb. 30c; lb. 50c; 5 lbs. \$2.75



Golden Cluster Wax

**CUBAN ASPARAGUS OR YARD LONG.**—Entirely distinct from any of the preceding sorts. The pods grow from 2 to 3 feet long, having the thickness of a lead pencil; green, palatable and tender. If better known, would be more extensively grown. Pkt. 15c; 1-4 lb. 35c; 1-2 lb. 60c; lb. \$1.00

PLEASE NOTE—Beans are not postpaid





## Borecole or Kale

One ounce will sow 300 feet of drill.

**CULTURE.**—In May or June sow seed outdoors  $\frac{1}{2}$  inch deep in drills 24 inches apart. In July transplant to stand 18 inches apart in rows 3 feet apart. Requires same cultivation as cabbage. Makes excellent winter greens. Is improved by moderate frost.

**DWARF GREEN CURLED.**—Grows to a medium height and is beautifully curled like parsley, giving a very ornamental appearance. It is very hardy; table quality is improved by a moderate degree of frost. Pkt. 10c; oz. 50c; 2 ozs. 85c; 1-4 lb. \$1.50 Postpaid.

**TALL SCOTCH KALE.**—Plants are larger and more branching than the preceding sort, and the leaves are a lighter green in color. It is very tender and makes a delicious winter dish when cooked. Pkt. 10c; oz. 50c; 2 ozs. 85c; 1-4 lb. \$1.50 Postpaid.

## Broccoli

One ounce will produce about 2000 plants.

**CULTURE.**—Broccoli is very similar to Cauliflower thriving under the same conditions of culture. When heads have formed tie leaves up over head to blanch.

**EARLY PURPLE CAPE.**—Heads of good size, close, compact, brownish purple. Pkt. 10c; oz. 75c. Postpaid.

**WALCHEREN.**—Fine large heads of a creamy-white color. Pkt. 10c; oz. \$1.00 Postpaid.

## Beets

A TASTY ADDITION TO ANY MEAL.

One ounce will sow 50 feet of drill. 5 pounds per acre.

Beets are perhaps the most popular and most widely used of vegetables, and are recognized by the thrifty housewife as being as economical as they are appetizing. McDonald's Tested Seeds produce firm and vigorous crops. Our seeds are obtained from the best growers, and are specially selected. In every garden, no matter how extensive or how small, beets are always in evidence, requiring a minimum of care in cultivation. The prudent user of McDonald's Tested Seeds is invariably enthusiastic as to results obtained from the crop.

**CULTURE.**—Rich light soil is best suited to this crop. Sow seed from May to July in drills 12 to 18 inches apart and 1 inch deep. Soil should be pressed firmly over the seed to ensure good germination. Thin to 4 to 8 inches apart according to variety after plants have made a few leaves. Thinning may be done gradually. Young plants being used for greens may be pulled early, later small tender roots, and so on, leaving the last of the roots to attain their normal size.

**EARLY WONDER.**—Claimed to be the earliest, most uniform, bunch Beet in existence. It is a deep blood type, nearly globular in shape; small, clean, tap root; medium sized top. A field of these Beets will mature so evenly that every one can be pulled in two weeks. Pkt. 10c; oz. 20c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**EXTRA EARLY EGYPTIAN.**—One of the most desirable and popular sorts both for market and private garden use. No other variety can equal it for earliness. The root is a deep blood-red in color, rounded on top and flat beneath. The flesh is richly colored purplish-red and of splendid quality. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75 Postpaid.

**CROSBY'S EGYPTIAN.**—A prime favorite with many market gardeners. The roots are of handsome form with small tops and very small tap roots. It is of good size; rapid growth; very sweet, tender and of excellent quality. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**ECLIPSE.**—One of the good old standbys of the globe-shaped type; flesh is sweet-flavored, fine grained and of a deep crimson color zoned with pink. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75 Postpaid.

**DETROIT DARK RED.**—Particularly desirable as a bunching sort for early market use. Tops are small and upright, permitting of close planting. Roots medium in size, globular and very smooth; skin a dark blood-red; flesh bright red, fine-grained, crisp, tender and sweet. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**CRIMSON GLOBE.**—A magnificent variety, perfectly globular in shape. Roots are of nice medium size, a deep crimson in color; flesh sweet and deliciously tender. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

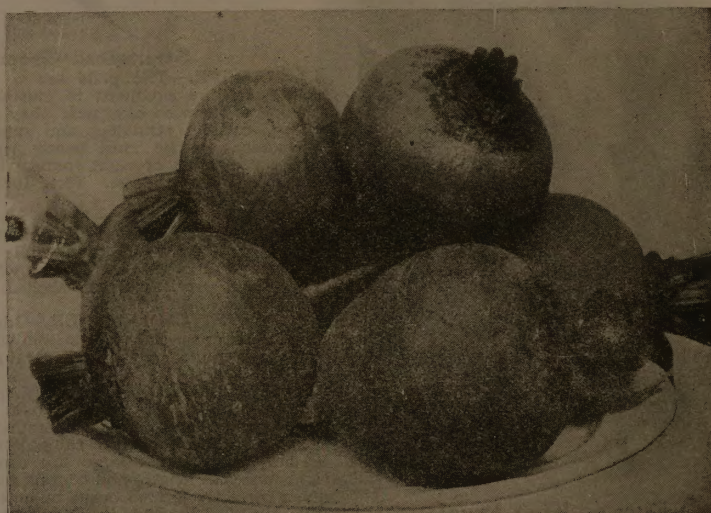
**EDMAND'S BLOOD TURNIP.**—A very desirable turnip-shaped beet; skin and flesh are of a deep blood-red, sweet and tender; unsurpassed for solidity and keeping qualities, consequently of special value as a main crop sort. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75 Postpaid.

**IMPROVED BLOOD TURNIP.**—Of fine globular shape; roots smooth, medium size with dark red flesh, fine grain, very sweet, and retaining its deep color when cooked. Tops are small and of uniform growth. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**HALF LONG BLOOD.**—An excellent sort for winter use. Color, dark blood red; flesh delightfully crisp and tender at all stages of growth. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75 Postpaid.

**IMPROVED LONG BLOOD.**—A good late variety for fall and winter use. Skin dark purple, almost black; flesh dark red, very tender and sweet. Pkt. 10c; oz. 15c; 1-4 lb. 40c; lb. \$1.40 Postpaid.

**NON PLUS ULTRA.**—A particularly handsome beet of the half-long type. It is of rich blood red color, very symmetrical, clean and smooth with few fibrous roots. The flesh is of fine texture, very tender and cooks well, holding its deep color. One of the best sorts for fall and winter use. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.



Crimson Globe



## Brussels Sprouts

One ounce will produce 2000 plants.

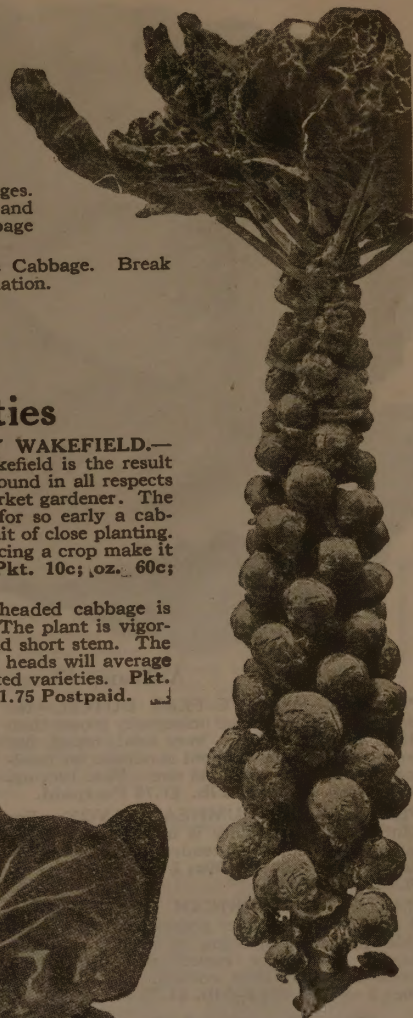
**PERFECTION.**—A strong grower; sprouts tender and good. Pkt. 10c; oz. 35c Postpaid.

**DALKEITH.**—A famous Scotch sort; stalks large, thick and close-jointed, producing an abundance of large, firm sprouts. Pkt. 10c; oz. 40c. Postpaid.

**DANISH MARKET.**—This variety we strongly recommend for general cultivation. The plants are of medium height, very hardy and robust in growth while stems are covered with compact, globular sprouts which are deliciously flavored. Pkt. 10c; oz. 50c. Postpaid.

Allied to cabbage and highly esteemed for boiling. Very delicious during the fall and winter months, after having been touched by frost. The stalks grow 2 to 3 feet high and are covered with small heads resembling miniature cabbages. Undoubtedly the most delicious and delicately flavored of the cabbage family.

**CULTURE.**—Cultivate same as Cabbage. Break leaves from stalks to aid head formation.



Brussels Sprouts



The Trade Mark of Quality

## Cabbage

One ounce will sow 300 feet of row and produce about 2000 plants.

The cabbage is greatly esteemed—both as a running mate to our old friend "corned beef" on the menus of the land—and as a salad vegetable. But the grower must of necessity obtain highest quality of seeds in order to assure himself the best of cabbage crops. Solid heads are synonymous with McDonald's Tested Seeds. Over forty years experience has taught us the value and importance of procuring the best seeds obtainable, and the results achieved by our patrons in former years justify us in asserting that each variety of seed sold by us is the best of its kind.

**CULTURE.**—Rich sandy loam is best. For early use sow 1/4 inch deep in hotbeds in March, or for late use seed may be sown in the open ground in May or June. Transplant to rows 2 feet apart and 18 inches between the plants. In transplanting be sure to set the young plants down to the first leaves. Where economy of space is necessary Lettuce or Radish may be sown between the rows. They will be out of the way before the Cabbages require the room.

**COPENHAGEN MARKET.** A Big Money Maker for the Market Gardener.—This remarkable cabbage matures but a few days later than Jersey Wakefield. It is undoubtedly the finest of the early ball-shaped sorts, and is thoroughly fixed as to type, the heads all maturing at the same time, which is a valuable consideration to market gardeners. The heads are unusually solid with small core, and average about ten pounds in weight; quality is excellent; leaves, bright green in color, saucer-shaped and always tightly folded. Our seed is genuine, obtained from original source of supply. Pkt. 15c; oz. .75c; 2 ozs. \$1.25; 1-4 lb. \$2.25 Postpaid.

McDonald's  
Selected Early  
Jersey Wakefield



Copenhagen Market

### Early Varieties

**McDONALD'S SELECTED JERSEY WAKEFIELD.**—This superior strain of the Jersey Wakefield is the result of most careful selection, and will be found in all respects the ideal first early cabbage for the market gardener. The heads are remarkably hard and solid for so early a cabbage, while the few outside leaves permit of close planting. Its uniformity and reliability for producing a crop make it a favorite with those who know it. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75 Postpaid.

**EARLY SPRING.**—This round, flat-headed cabbage is almost as early as Jersey Wakefield. The plant is vigorous, compact, with few outer leaves and short stem. The growth is rapid and uniform, while the heads will average one-fifth more in weight than the pointed varieties. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75 Postpaid.

### Second Early Varieties

**WINNINGSTADT.**—A commendable sort for general use. Heads are of medium size and sharply pointed; very hard and of excellent quality. On account of peculiar texture and formation of the short, thick, bluish dark-green leaf, it is claimed that this sort is less susceptible to attack of insects and cabbage worms. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60 Postpaid.

**HENDERSON'S EARLY SUMMER.**—Matures about two weeks later than Jersey Wakefield. Forms large, solid, round, flattened heads of excellent quality, which are tender and sweet. An old-time favorite but still popular and in extensive demand. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75 Postpaid.

**GLORY OF ENKHUIZEN.**—We have listed this superior strain of cabbage for the past five years, and during this period it has found its way to the front rank as a second early sort. Market gardeners are particularly enthusiastic in its praise, and say they never had any variety to equal it. The heads are of large size, white in color, very solid, tender, fine-grained and of remarkably fine flavor. The outer leaves are closely folded to the head, which permits of very close planting. This is one of the best sorts, whether for private garden or market use. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75 Postpaid.

**FOTTLER'S IMPROVED BRUNSWICK.**—The heads are uniform, hard and solid; foliage is light bluish green, of dwarf, compact growth; solid, flat heads, which rest almost on the soil, owing to the very short stem, while a few outer leaves grow very closely about the head. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60 Postpaid.





**Autumn King**

**PREMIUM or LATE FLAT DUTCH.**—No cabbage has been more universally grown than this. Heads are large, very solid, broad, flat on top. Our strain of seed is reliable for heading, evenness of crop and size. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75 Postpaid.

**PERFECTION DRUMHEAD SAVOY.**—For winter use this variety is unsurpassed, heads large and solid, very tender and of excellent flavor. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75. Postpaid.

**IMPROVED AMERICAN DRUMHEAD.**—A good reliable header possessing every desirable qualification, being at once productive, hardy, beautifully curled and of delicate flavor and color when cooked. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75 Postpaid.

## Red Cabbage

These two varieties of red cabbage have proved their right to be considered the leaders of this type. You will find that they produce abundantly under proper conditions.

**ROUND RED DANISH.**—A new selection of the same desirable type, but of smaller size, than Danish Ballhead. In color, an intense deep purplish red, which it retains through to centre of head. Uniform in size, solidity and weight. Fine for market trade. Pkt. 10c; oz. 90c; 2 ozs. \$1.60; 1-4 lb. \$3.00 Postpaid.



**McDonald's Matchless Flat Winter**

**MAMMOTH ROCK RED.**—Best large headed sort; has been in foremost demand for years past. Heads uniformly solid and of deep red color. Pkt. 10c; oz. 75c; 2 ozs. \$1.40 1-4 lb. \$2.25 Postpaid.

## Other Varieties

In addition we have the following varieties:

**Charleston Wakefield.** Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4lb. \$1.75 Postpaid.

**Early Stonehead.**—Pkt. 10c; oz. .75c; 2 ozs. \$1.25; 1-4lb. \$2.25 Postpaid.

**Hollander or Danish Ballhead.**—Pkt. 10c; oz. .75c; 2 ozs. \$1.25; 1-4lb. \$2.25 Postpaid.



**Perfection Drumhead Savoy**

## Cabbage

### Second Early Varieties—continued

**HENDERSON'S SUCCESSION.**—This is claimed by many to be the finest all-round cabbage in existence today, whether for medium, early or late crop use. It is of fair size, hand-some color and best quality. Claimed by the originator to be the finest and best of his many introductions. Pkt. 10c; oz. .60c; 2 ozs. \$1.00 1-4 lb. \$1.75 Postpaid.

**ALL SEASONS (Vandergaw)**—As the name indicates, good for all seasons—early, medium or late. It is a little later than Early Summer, but very much larger in size, and for the market gardener is one of the most useful, marketable and profitable sorts to grow. The heads are dark blue-green in color, and the quality in all respects very fine. Pkt. 10c; oz. 60c; 2 oz. \$1.00; 1-4 lb. \$1.75 Postpaid.

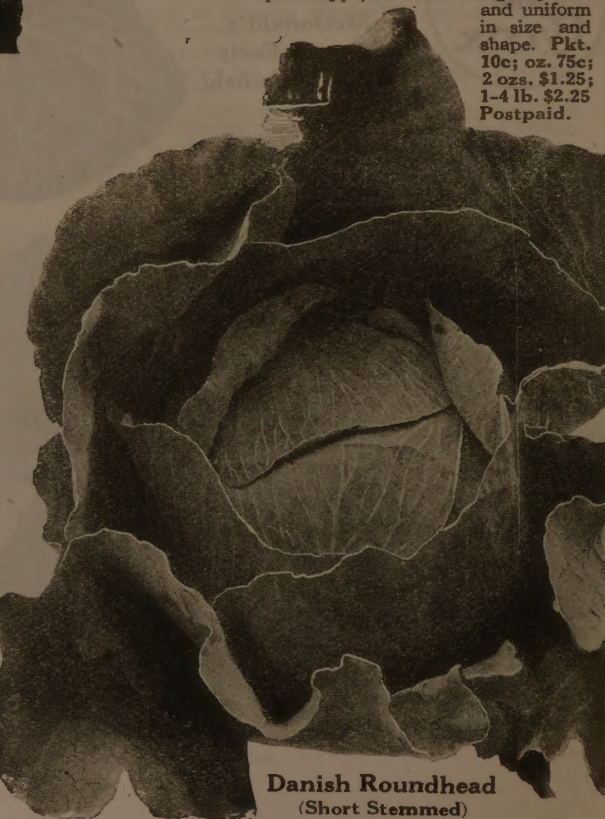
### Late or Winter Varieties

**AUTUMN KING.**—One of the good old time varieties, and probably the finest of all large, late drumhead cabbage grown at the present day. The heads are of enormous size, dull green in color, while the interior portion is white, crisp, fine-grained, and of splendid sweet quality. Autumn King, it is claimed, will produce greater weight per acre than any other owing to its very small outer leaves and adaptability to close planting. Pkt. 10c; oz. .60c; 2 ozs. \$1.00; 1-4 lb. \$1.75 Postpaid.

**DANISH ROUNDHEAD.**—The Best of all Winter Cabbage.—While not of large size, the heads are remarkable for solidity and weight. The plant is vigorous in growth, short-stemmed, and exceedingly hardy in resisting cold and dry weather. The outer leaves are of a bluish-green; the inner blanched to purest whiteness. It is impossible to obtain a finer selection of stock than we offer in this special strain, and consequently we recommend it most highly. Pkt. 10c; oz. .75c; 2 ozs. \$1.25; 1-4 lb. \$2.25 Postpaid.

**BURPEE'S SUREHEAD.**—A valuable selection of the Flat Dutch type. Heads are of largest size, very solid, firm and of fine texture, weighing from 10 to 15 pounds under ordinary cultivation. Pkt. 10c; oz. .60c; 2 ozs. \$1.00; 1-4 lb. \$1.75 Postpaid.

**MATCHLESS FLAT WINTER.**—While the ballhead type of cabbage is now generally preferred for winter use some still retain a preference for the flat-headed sorts. This selection is a superior type, the heads being very solid and uniform in size and shape. Pkt. 10c; oz. 75c; 2 ozs. \$1.25; 1-4 lb. \$2.25 Postpaid.



**Danish Roundhead (Short Stemmed)**





## Carrots

### IN A NUMBER OF CHOICE VARIETIES

One ounce will sow 100 feet of drill. 2 to 3 pounds per acre.

Disappointment has never yet resulted in the purchasing of McDonald's Tested Seeds. They are tested seeds and providing conditions are satisfactory, a bumper crop is assured. Our reputation for Carrot seeds is an enviable one, and a trial means conviction.

**EARLIEST SCARLET HORN.**—In size this is the smallest of all carrots, being scarcely larger than a radish. This, combined with extreme earliness and small top, has made it particularly desirable for forcing under glass. The roots are a reddish orange in color; tender and deliciously flavored. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 60c; lb. \$2.25 Postpaid.

**NEW FORCING AMSTERDAM.**—Something entirely new in a Carrot which should find its way into every garden. It is without a single exception the earliest of all garden carrots. The roots are blunt pointed and from three to five inches long; flesh, bright red, almost coreless. The neck is very small surmounted with slender stems and short laced leaves. We do not hesitate to say that this carrot will please all who grow it. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 60c. Postpaid.

**EARLY SCARLET HORN.**—Particularly suited as a bunching sort for early market; length, from 3 to 4 inches; color, deep orange; flesh fine grained and of agreeable flavor. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**NANTES HALF LONG.**—An excellent, half-long, stump-rooted variety of superior quality. Tops medium size, roots almost cylindrical, very smooth; grows about 6 inches long. Color, orange red, shading to yellow in centre, but no distinct core. Claimed by many to be the sweetest and best flavored of all carrots. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**CHANTENAY.**—This is undoubtedly the finest carrot for market use. The flesh is of a rich golden orange, tender, fine-grained and free from hard core. The roots are unusually thick at the shoulder, gently tapering to a blunt point, which greatly facilitates the work of harvesting. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**DANVERS HALF LONG.**—Adapted for planting in all classes of soil; half-long, 6 to 8 inches, somewhat tapering in shape, and of a rich deep orange color. It will yield more tons to the acre than any other, and for this reason is extensively grown for stock, while at the same time one of the best for market or table use. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.50 Postpaid.

**OXHEART or GUERANDE.**—What this variety lacks in length it carries in thickness, and on this account is highly desirable for sowing in shallow or stiff, hard soils, where the longer varieties do not succeed. The flesh is of a bright orange color, fine grained and sweet. Fine for table and equally good for stock feeding. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**MCDONALD'S SELECT INTERMEDIATE.**—A very choice strain of intermediate, stump-rooted carrot. The roots are usually symmetrically formed, coming to an abrupt point. The flesh is of fine texture, crisp and sweet. Desirable for general use. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**ST. VALERY INTERMEDIATE.**—A comparatively new variety of French origin. Tops, very small; roots, very large, broad across the top, often 2½ to 3 inches, and 10 to 12 inches long, tapering gradually to the tip; flesh, a rich, deep, orange color, tender and fine flavored. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75 Postpaid.

**IMPROVED LONG ORANGE.**—A well-known standard sort; roots long, tapering regularly to a point, color, deep orange, suitable for table and main field crop. Pkt. 10c; oz. 15c; 2 ozs. 25c; 1-4 lb. 45c; lb. \$1.50 Postpaid.

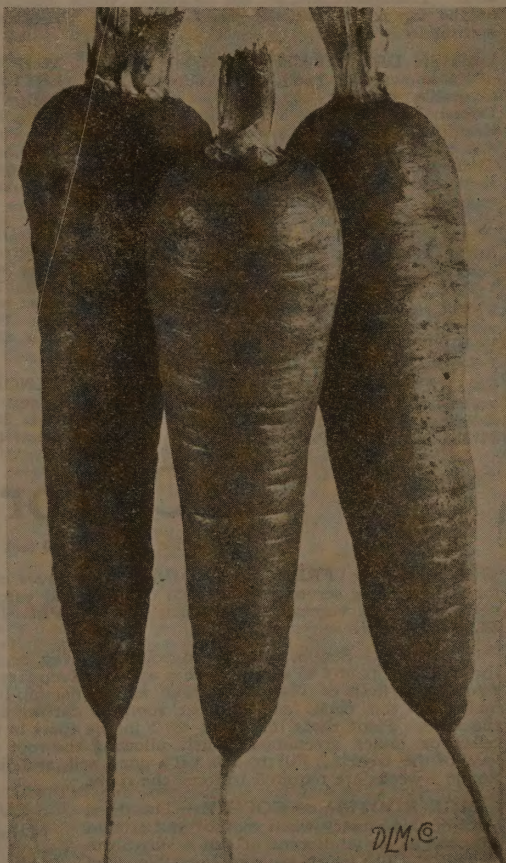
## Chervil

One ounce will sow 100 feet of drill.

**CULTURE.**—Sow in drills 1 foot apart covering seed ½ inch. Thin out plants to stand 4 inches apart in the row; leaves ready for use in from six to eight weeks. The curled variety is used for garnishing and flavoring soups and salads.

**DOUBLE CURLED.**—Even more beautiful than parsley, and can be used to great advantage in garnishing meats or vegetables. Leaves are also used in soups and salads. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.00 Postpaid.

**CULTURE.**—Carrots should not be sown on newly manured ground, which tends to produce forked roots. Land should be manured the previous season. Carrots do best in a rich sandy loam well pulverized and deeply cultivated. Sow seed ½ inch deep in drills 12 to 15 inches apart, as early in the spring as the ground can be worked. It is important in sowing carrot as well as all other seeds to firm the soil after planting. When plants attain a height of 1 to 2 inches thin to 5 or 6 inches apart.



Danvers Half Long





Early Dwarf Erfurt

## Cauliflower

1 ounce for 2000 plants.

**CULTURE.**—Cauliflowers require deep rich moist soil. Sow seed in hotbeds during March. Transplant once before setting in the open ground. In May or June set out in rows 2 feet apart and 18 inches between the plants. For late crop sow seed in open ground after May 20th. Transplant and set out as above. When heads are forming tie leaves together loosely at the top to exclude the direct sun rays. This treatment keeps the heads clean, white and tender.

**DANISH DRY WEATHER.**—While failure of Cauliflowers to head on account of unfavorable weather conditions is frequent, Danish Dry Weather has finally overcome this difficulty, owing to its ability to produce fine, large heads under adverse conditions. The leaves are large and offer a great protection to the head in the hottest and driest months. Heads are of close texture, snow-white, and entirely free from coarse spots. While not so early as Extra Select Erfurt or Early Snowball, there is absolutely nothing better in quality. Pkt. 25c; 1-4 oz. \$1.50; 1-2 oz. \$2.75; 1 oz. \$5.00 Postpaid.

**VEITCH'S AUTUMN GIANT.**—A late variety of vigorous growth, and well protected by foliage. Pkt. 10c; 1-4 oz. 50c; 1-2 oz. 75c; 1 oz. \$1.25 Postpaid.

**EXTRA EARLY PARIS.**—A well-known variety; medium-sized heads; tender and delicious. Pkt. 10c; 1-4 oz. 75c; 1-2 oz. \$1.25; 1 oz. \$2.00 Postpaid.

**MCDONALD'S EXTRA EARLY DWARF ERFURT.**—Extensively used for market trade; very early and one of the surest to make large, solid heads of purest white. The curd is of fine texture and dense in growth; the plant has a short stem with close outer leaves. Pkt. 25c; 1-4 oz. \$1.35; 1-2 oz. \$2.50; 1 oz. \$4.50 Postpaid.

**HENDERSON'S EARLY SNOWBALL.**—Extremely early and produces magnificent, large, solid heads of a beautiful snowy-whiteness. Its compact habit combined with short outside leaves permits of closest planting. Pkt. 25c; 1-4 oz. \$1.50; 1-2 oz. \$2.75; 1 oz. \$5.00 Postpaid.

**LENORMAND'S SHORT STEM.**—Has large, well-formed heads; white and firm. Pkt. 10c; 1-4 oz. 75c; 1-2 oz. \$1.25; 1 oz. \$2.00 Postpaid.

## Chicory

1 ounce will sow 100 feet of drill.

**WITLOOF, or FRENCH ENDIVE.**—The leaves of this vegetable are highly esteemed for salads, being served with French dressing and eaten like Cos Lettuce. Marketed by dealers in fancy vegetables as French Endive. Pkt. 10c; 1 oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75 Postpaid.

**CULTURE.**—Sow seed in open ground in May or June in drills 12 inches apart, later thinning the plants to stand 6 inches apart. Keep free from weeds by constant cultivation. About the first of November take up the parsnip-like roots, cut leaves off to within 1½ inches of the neck, and shorten roots by cutting off the bottoms to within 8 inches of the neck. Plant roots upright 1 to 2 inches apart in trenches 16 inches deep in dark warm cellar or under greenhouse bench, allowing the root neck to come within 9 inches of the level of the trench. Fill trench with good soil, and for quick growth cover with manure. About 4 weeks are required to force the roots.

**LARGE ROOTED or COFFEE.**—The dried roots of this variety when roasted and ground are used as an adulterant of and a substitute for coffee. The leaves are sometimes blanched and used as salad. Pkt. 10c; 1 oz. 50c; 2 ozs. 85c; 1-4 lb. \$1.50 Postpaid.

**CULTURE.**—Sow seed early in Spring ½ inch deep in drills 12 inches apart. Thin to about 4 inches. Dig roots in the Fall.

## Chives

Hardy little perennials, grown for their hollow grass-like leaves, which are produced in great abundance very early in the Spring. Used for salads and seasoning, imparting a mild onion-like flavor. Pkt. 20c; 1-4 oz. 90c; 1-2 oz. \$1.75; oz. \$3.25 Postpaid.

## Celeriac

**CULTURE.**—1 ounce will produce about 3000 plants. Sow seed and cultivate same as Celery. Requires no earthing up.

**LARGE SMOOTH PRAGUE.**—This is unquestionably the largest and best celeriac in existence. Roots large, globe-shaped and smooth. It is the finest vegetable grown for soups, giving a flavor which celery itself cannot furnish. Pkt. 10c; oz. 50c; 2 ozs. 85c; 1-4 lb. \$1.60 Postpaid.



Witloof Chicory





Paris Golden Yellow

## Celery

1 ounce of seed will produce 3000 plants.

Celery; fresh, luscious, and appetizing, should have a place in all gardens. A ready market is found for it, and McDonald's range is wide; each type being tried and proven the very best obtainable.

**CULTURE.**—Sow the seed in window boxes or hotbeds during March and April in finely prepared soil. Cover the seed from  $\frac{1}{8}$  to  $\frac{1}{4}$  inch deep. As the seed germinates slowly care must be taken that soil is kept moist. When plants are 3 inches high transplant to temporary beds where they should remain until strong and stocky. In order to produce more stocky plants some growers trim off the tops a little when they attain about 4 inches in height. Set in rows 3 feet apart and about 12 inches between the plants in the rows. After planting has been completed frequent cultivating is necessary to free soil from weeds. As Fall approaches, earth up for blanching. This is done by drawing the soil up to the plants with the hoe. It is further pressed around each plant with the hand. Firm enough to keep leaves upright to prevent them from spreading. Earthing up is continued at intervals until only the leaves appear above the soil. Care must be taken to prevent the soil from falling into the heart of the plant. Winter in trenches or store in cool cellar.

**GOLDEN HEART or GOLDEN DWARF.**—A distinct variety of sturdy, dwarf habit. It is solid, an excellent keeper and of fine nutty flavor. The heart, which is large and full, is a light yellow when blanched, making this an exceedingly attractive sort for market or table use. Pkt. 10c; oz. 40c; 2 ozs. 70c; 1-4 lb. \$1.25.

**WHITE PLUME.**—A valuable early variety; requires very little labor in blanching; desirable for early market, and one of the best for family use. Pkt. 10c; oz. 50c; 2 ozs. 85c; 1-4 lb. \$1.50 Postpaid.

**EVANS TRIUMPH.**—An excellent variety and one of the best keepers. Stalks large and solid, very crisp, and of finest texture. We recommend this variety as possessing extraordinary merit for market or private use. Pkt. 10c; oz. 40c; 1-4 lb. \$1.25 Postpaid.

**GIANT PASCAL.**—A desirable sort, possessing superior keeping qualities, which makes it one of the best for winter use. The stalks are of handsome appearance, broad, thick, solid, entirely stringless, crisp and tender. Pkt. 10c; oz. 40c; 2 ozs. 70c; 1-4 lb. \$1.25 Postpaid.

**PARIS GOLDEN YELLOW.**—(Golden Self-Blanching).—This is the best of all "self-blanching" varieties. It is ready for use nearly as early as the White Plume, and is larger in size, while finer in quality. It is of dwarf, compact habit, with thick, solid, heavy-ribbed stalks, which blanch easily to a clear, waxy yellow color. The stalks are crisp and solid, free from stringiness, and of a most desirable flavor. More extensively used by market gardeners than any other. Pkt. 15c; 1-4 oz. 40c; 1-2 oz. 70c; oz. \$1.25 Postpaid.

**PARIS GOLDEN ROSE.**—This is a sport of the Paris Golden Yellow, being identical in habit and growth. It is the most beautiful of all pink celeries, being equal to its parent in all respects, differing only in the bright rose ribs, and blanching with the same ease. Pkt. 10c; 1-2 oz. 60c; oz. \$1.00 Postpaid.

**WINTER QUEEN.**—One of the finest varieties of winter celery, possessing the strong, vigorous growth of Giant Pascal. It is remarkable for keeping qualities and will last until the spring months when properly stored. The thick, heavily ribbed stalks, which surround a large golden heart, are of most desirable table quality when blanched. Pkt. 10c; oz. 40c; 2 ozs. 70c; 1-4 lb. \$1.25 Postpaid.

**COLUMBIA.**—Recommended as a Main Crop Variety. A valuable sort to follow Paris Golden Yellow. Stored at the same time it will be ready for use immediately following that variety. The stalks are broad and thick, almost round, solid and of highest quality. "Columbia," is of most attractive appearance, medium in height, blanches easily, and is a good winter keeper. Pkt. 10c; oz. 50c; 2 oz. 85c; 1-4 lb. \$1.50 postpaid.

## Citron

Fine for Preserving

**COLORADO or GREEN SEEDED.**—This variety grows uniformly round and smooth. It has a handsomely striped and marbled light green skin. Makes beautiful, nearly transparent preserves, for which purpose it is extensively used. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c. Postpaid.

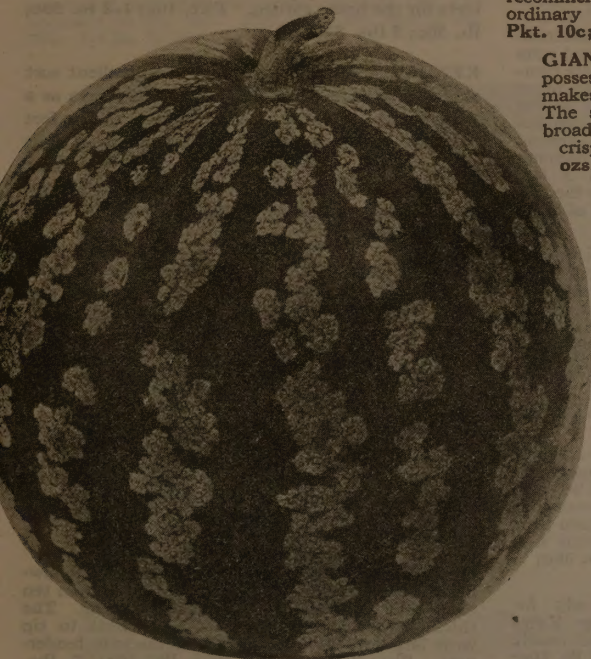
**RED SEEDED CITRON.**—Differing from preceding sort in color of seeds, which are red; price the same

## Corn Salad

2 ounces of seed will sow 100 feet of drill.

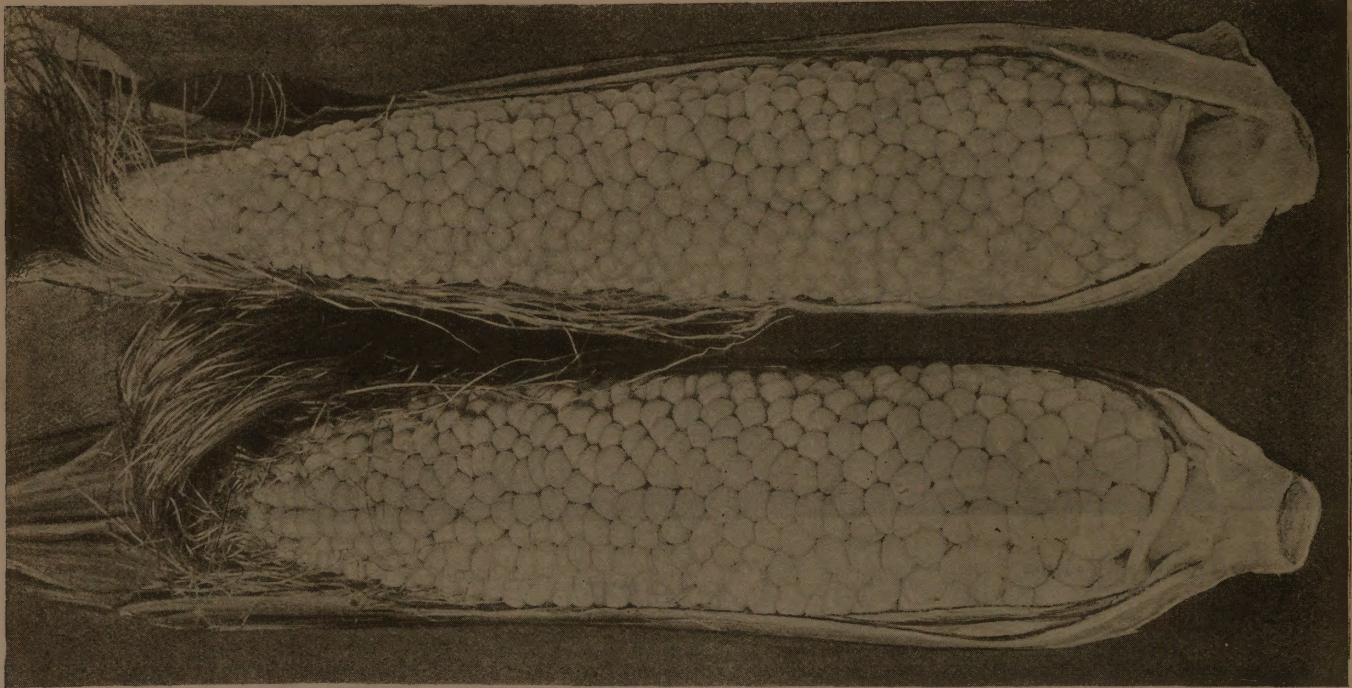
**CULTURE.**—For summer use sow seed in the spring  $\frac{1}{2}$  inch deep in drills, drills 1 foot apart. Keep ground well cultivated and free from weeds. Does best in rich soil. For winter and spring use, sow in August.

**BROAD LEAVED (Large Seeded).** Makes a delicious salad. Used during the winter and spring as a substitute for Lettuce. It is also cooked and used like Spinach. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c Postpaid.



Citron "Colorado," (Green Seeded)





Country Gentleman

## Corn

### ALWAYS DELICIOUS—TEMPTING AND TASTY

1½ lbs. will plant about 200 hills. 8 to 10 quarts for an acre in hills.  
(If wanted by mail add 5c. per 1-2 lb., 10c. per 1 lb., 25c. per 5 lbs.)

Corn is probably as popular a vegetable as any that grows. McDonald's offerings of Corn result from experiment and study of the widest range, and a test of the result of researches in this direction will, we are assured, delight the most fastidious. For the good old popping parties of the Winter days it is advisable to include pop-corn in your order.

**CULTURE.**—Warm well drained soil containing a generous amount of plant food suits corn splendidly. Light soil with complete commercial fertilizer harrowed and plowed in at the rate of from 400 to 800 pounds to the acre will produce good crops. Sweet Corn being liable to rot in cold or damp ground should not be planted until ground becomes warm. Plant 2 inches deep in hills 3 feet apart each way with 4 or 5 kernels to the hill. Cultivate thoroughly. For succession of crops plant every three weeks.

**EARLY MAYFLOWER.**—Too much cannot be said of the merits of this new extra early sweet corn. Gardeners and others who planted it last season expressed themselves as delighted with the quality and earliness of the crop. It is fully a week earlier than Cory, while the ears are longer and of larger size. We do not hesitate to recommend "Early Mayflower" for both market and private planting. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

**EXTRA EARLY WHITE CORY.**—A great favorite with market gardeners, largely on account of its extreme earliness. The constant and increasing demand for it proves that it is being more extensively planted from year to year. Ears are eight rowed, medium size, white cob. Pkt. 10c; 1-2 lb. 20c; lb. 30c; 5 lbs. \$1.25.

**MAMMOTH WHITE CORY.**—Ready for use within two or three days after Extra Early Cory. Ears, twelve-rowed and nearly twice the size of Cory. Pkt. 10c; 1-2 lb. 20c; lb. 30c; 5 lbs. \$1.25.

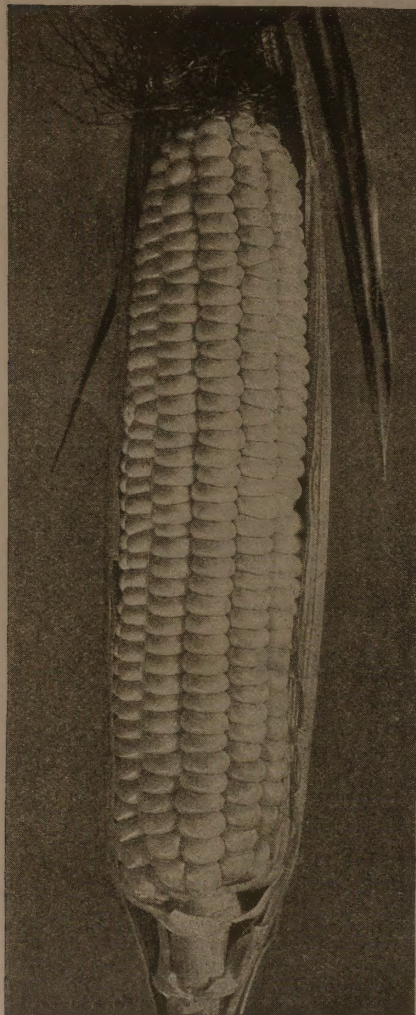
**POCAHONTAS.**—An ideal sort for those who desire a large-sized, quick-maturing corn. The ears average from seven to eight inches with eight or ten rows of very large white kernels, which are pure white, sweet and deliciously tender. We recommend "Pocahontas," particularly for market garden use, while it is also one of the most desirable sorts for the home garden. Pkt. 10c; 1-2 lb. 20c; lb. 30c; 5 lbs. \$1.25.

**KENDAL'S EARLY GIANT.**—An excellent sort and a staunch favorite with market gardeners as a second early. Stalks grow from four to five feet with one or two ears to each stalk; ears from eight to ten inches; broad kernels; quality very sweet and tender. Attains to market condition in from 65 to 70 days. Pkt. 10c; 1-2 lb. 20c; lb. 30c; 5 lbs. \$1.25.

**CROSBY'S EARLY.**—Greatly prized and more extensively planted for canning purposes than any other. Ears six to seven inches with ten to twelve rows of grains closely set, which are white and deliciously tender. Pkt. 10c; 1-2 lb. 20c; lb. 30c; 5 lbs. \$1.25.

**BLACK MEXICAN.**—One of the sweetest and most delicious of all sugar corns. When once tried it is usually repeated for the home garden. The ripened grains are of a peculiar bluish-black color, but when in table condition look remarkably white. Medium early in season. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

**HENDERSON'S SUGAR.**—An ideal sort following the early varieties and ready for table from ten days to two weeks before the evergreens. The thick, compact ears are filled from butt to tip with large, milk-white kernels of luscious tenderness. Pkt. 10c; 1-2 lb. 20c; lb. 30c; 5 lbs. \$1.25.



Early Mayflower



**COUNTRY GENTLEMAN.**—One of the finest and most delicious sugar varieties for table use. The ears are of good size and produced in great abundance. It is easily identified by the irregular arrangement of the small, but plump, pearly-white kernels. In season about ten days earlier than Evergreen. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

**STOWELL'S EVERGREEN.**—The ears are large, deep grained. Quality is very tender and sugary to close of season. Pkt. 10c; 1-2 lb. 20c; lb. 30c. 5 lbs. \$1.25

**WHITE EVERGREEN.**—Similar to Stowell's Evergreen but color is snow white. Ears large and filled with long slender grains of purest white and delicious flavor. Stalks strong, vigorous, six to seven feet high. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

**ZIG-ZAG EVERGREEN.**—Ready for use about same time as Stowell's; grains zig-zag on cob; color, pure white; kernels very deep and dense; quality superb. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

## Pop Corn

These varieties are sold all at the same prices:— Pkt. 10c; 1-2 lb. 20c; lb. 30c.

**MAPLEDALE PROLIFIC.**—Stalks grow six feet high; ears large; kernels white.

**GOLDEN QUEEN.**—Probably the largest of all pop corn. Color bright golden-yellow; kernels very large and creamy-white when popped.

## Cress

**EXTRA TRIPLE CURLED (Pepper Grass).**—Makes a most agreeable addition to lettuce salad, imparting a warm pungent taste; rapid growing, dwarf and compact. Should not be allowed to grow more than one or two inches above the ground. Used extensively in England and France. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c.

**UPLAND CRESS.**—The leaves and their flavor somewhat resemble watercress; though this sort succeeds in dry soil. Pkt. 10c; oz. 40c; 2 oz. 70c; 1-4 lb. \$1.25.

## McDonald's Select

### Golden Bantam

#### WORTHY A PLACE IN YOUR GARDEN

Perhaps never before has the introduction of any one vegetable met with more general favour than in the case of Golden Bantam Corn. While some years have elapsed since its introduction, there has been during that period a gradual improvement through selection in type and general quality. As a result we offer to-day a selection of "Golden Bantam," which is far superior to the original stock, being more juicy, tender and sweet, and which will surely give delight and satisfaction to all who grow it. "Golden Bantam" is, without doubt, the most popular of all extra early varieties, it is too the hardiest for our Canadian climate and can be planted fully a week earlier than any of the other sorts, which is surely an advantage not generally understood. In height, the stalks are 4 feet, and in good soil, frequently comes two and three ears per stalk, the ears measuring from five to seven inches in length. A money maker for the market garden, and the best ever for private use. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

**IMPROVED WHITE RICE.**—The ears are of medium size, three or four to a stalk; kernels round, sharp-pointed; color, transparent white.

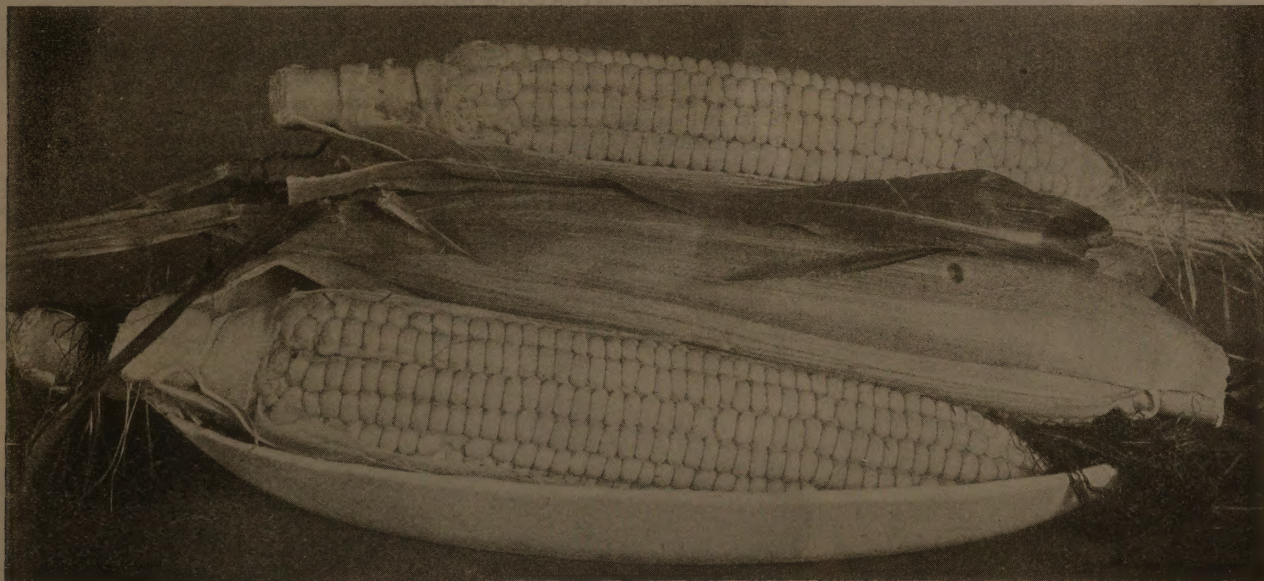
**NEW RED BEAUTY.**—Ears medium to large; color, bright red; cob small and grains deep very early and productive.

**TRUE WATERCRESS.**—A well-known aquatic plant, its oval leaves making a delicious and appetizing salad. Pkt. 10c; oz. \$1.00.

**CULTURE.**—Sow one ounce to 100 feet of drill. Sow thickly in spring, as soon as ground is in good working condition, in shallow drills. Repeat sowings at intervals of about two weeks as plants run rapidly to seed. Water Cress requires a stream of running water, in which it will grow without care, except at first keeping the weeds from interfering with it.



Golden Bantam



White Evergreen





## Arlington White Spine

### Cucumber

1 ounce of seed will plant 50 hills.

Cucumbers are about as easily cultivated as any of the vegetable family. We are offering a wide assortment for table use or for pickling. Cucumbers require a minimum of care, are heavy producers, and McDonald's Tested Seeds offer a wide range to choose from.

**CULTURE.**—When weather becomes warm and settled choose a rich sandy loam, well dug, pulverized and manured. Plant about 10 seeds, per hill  $\frac{3}{4}$  inches deep. Hills 4 feet apart each way. When danger from insects has passed, thin out, leaving 3 of the strongest plants in each hill. The fruit should not be permitted to ripen on plants as it reduces productiveness. By pinching leading shoots occasionally plants will fruit better. Keep ground well cultivated and free from weeds. For very early crops the seed may be sown in hotbeds, pots, boxes, or upon inverted sods. Plants can be transferred to open ground when conditions become favorable.

2 to 3 pounds per acre.

**IMPROVED LONG GREEN.**—Popular as ever. Excellent for table use or pickling. Fruits measure from 10 to 12 inches; dark green in color; flesh solid, crisp and of fine quality. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**DAVIS PERFECT.**—One of the finest and most perfect cucumbers. Has length, slimmness and dark green color, extreme vigor in growth and great productiveness. Desirable alike for indoor and outdoor planting. Readily commands the highest price in competition with other sorts. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**FORDHOOK FAMOUS.**—A long green cucumber of the white spine type. Never turns yellow, even when ripe. Vines are of strong, vigorous growth and well set throughout the season with long, handsome fruits, of a bright green color, from 10 to 14 inches in length. Flesh white, firm, crisp, and very thick with comparatively few seeds. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; lb. \$2.25 Postpaid.

**EVERGREEN or EXTRA LONG WHITE SPINE.**—Fruits from 2 to 3 inches longer than Arlington and more squared at the ends. Deep green color, well retained in all stages of the growth. While one of the best for forcing, it is first class for pickling. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**CUMBERLAND.**—Ideal for pickles, besides being excellent for slicing. "Cumberland," is the result of a cross between Parisian Pickling and Peerless White Spine, and retains the characteristics of the former in bearing fruits thickly covered with small white spines. It is a strong grower and exceedingly prolific, while the fruits are exceptionally straight and symmetrical. Flesh is firm, crisp and tender at all stages of growth. Pkt. 10c; oz. 20c; 2 oz. 30c; 1-4 lb. 50c; lb. \$1.75 Postpaid.

**ARLINGTON WHITE SPINE.**—One of the best for forcing, yet unsurpassed for open ground cultivation. Fruits are well shaped; regular in outline; 7 to 8 inches in length, and of a dark, glossy green color, slightly tipped with white at the blossom end, making it extremely attractive for market use. A strong grower and very prolific. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 Postpaid.

**COOL AND CRISP.**—A White Spine which is extremely early and unusually prolific, bearing its beautiful dark green fruits throughout the entire season. One of the best pickling varieties, while excellent for general use. Pkt. 10c; oz. 20c; 1-4 lb. 50c; lb. \$1.75 Postpaid.

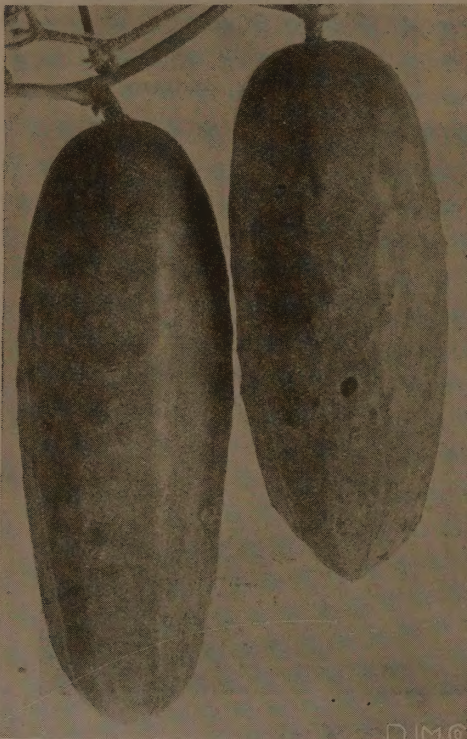
**GREEN PROLIFIC; or, BOSTON PICKLING.**—A standard variety which makes an ideal pickling cucumber. Fruits are of medium size, from four to five inches, slender and dark green in color. Vines vigorous, healthy and remarkably productive. Pkt. 10c; oz. 20c; 1-4 lb. 50c; lb. \$1.75 Postpaid.

**JAPANESE CLIMBING.**—Vines grow to a height of from eight to ten feet, throwing out numerous tendrils, which may be trained on trellises or other supports, saving much space in small gardens. Two or three times larger crop can be produced than would be yielded by other sorts in similar space. Fruits are from 12 to 16 inches in length; thick through with well rounded ends. Quality, first class. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; lb. \$2.25 Postpaid.

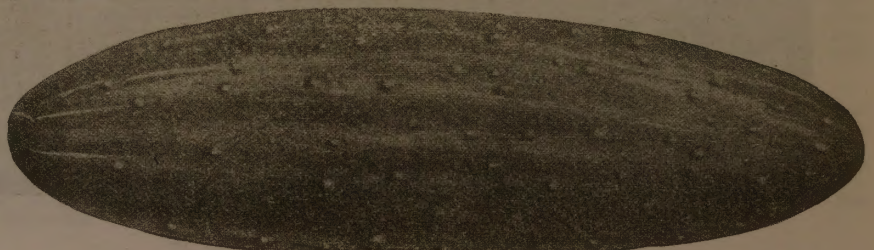
### Other Standard Sorts

**McDONALD'S "PERFECTA" FORCING WHITE SPINE.**—This, we believe, the most uniform Cucumber, in shape and dark green color now grown. Too much praise can hardly be given it whether for forcing under glass or outside growing. Market Gardeners will find this particularly desirable on account of its handsome appearance, besides holding its attractive, dark green color until maturity. Pkt. 10c; oz. 25c; 2 oz. 40c; 1-4 lb. 75c; lb. \$2.25 Postpaid.

**EVERBEARING.**—Small size, early, and highly productive. Fruits are of a rich dark green color; quite thick and blunt at ends. Greatly prized for pickles. Desirable on account of its ever-bearing character. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75 Postpaid.



Everbearing



Fordhook Famous



# Seeds That Grow Good Crops

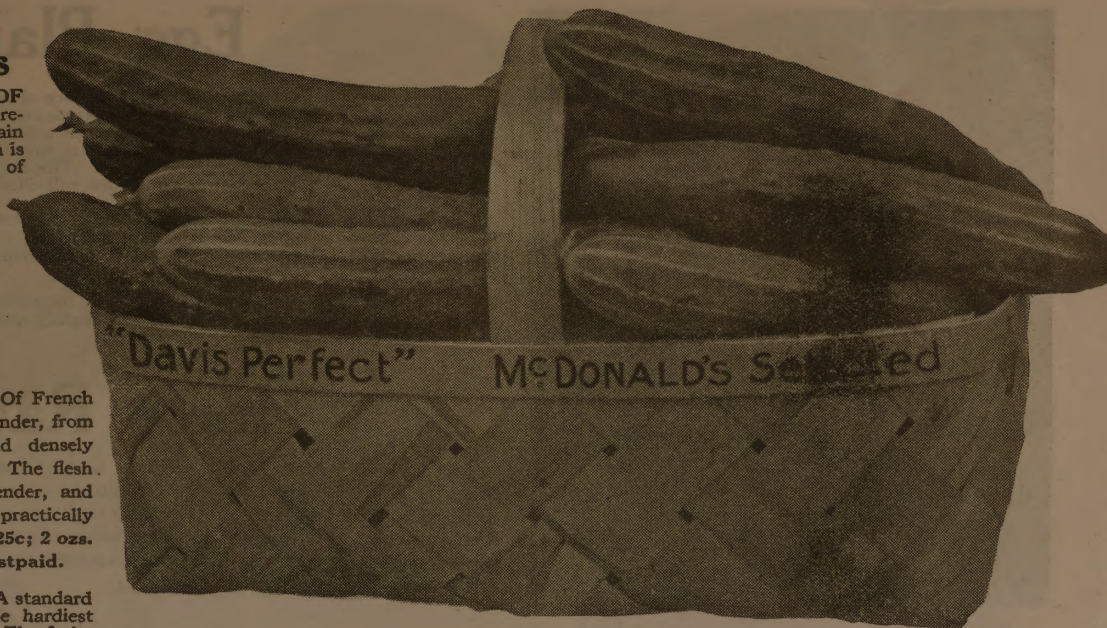


## Other Standard Sorts

**ROBINSON'S EARLIEST OF ALL WHITE SPINE.**—Careful selection has developed a strain of White Spine Cucumber which is not only extremely early but of beautiful form and color. It is exceedingly prolific and continues so from beginning to end of the season. The quality is excellent, being crisp, brittle and devoid of the bitter taste frequently noticed in other sorts. Fruits are of a deep green color and from eight to ten inches in length. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; 1 lb. \$2.25 Postpaid.

**PARISIAN PICKLING.**—Of French origin, its fruits are slim and tender, from three to five inches long and densely covered with very fine spines. The flesh is always hard, crisp and tender, and when in pickling stage shows practically no sign of seed. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; lb. \$2.25. Postpaid.

**IMPROVED TELEGRAPH.**—A standard English frame variety, and the hardiest and most prolific of this class. The fruits measure from 20 to 25 inches in length. Not suitable for outdoor culture. Pkt. contains 12 seeds. Pkt. 25c.



|                                                      | Pkt.   | Oz     | 2 ozs. | ¼ lb.  | lb.    |
|------------------------------------------------------|--------|--------|--------|--------|--------|
| <b>GIANT PERA</b> ; very large; fine quality.        | \$9.10 | \$0.25 | \$0.40 | \$0.75 | \$2.25 |
| <b>NICHOL'S MEDIUM GREEN</b> .....                   | .10    | .20    | .35    | .60    | 1.75   |
| <b>FORDHOOK PICKLING</b> , one of the best .....     | .10    | .20    | .35    | .60    | 1.75   |
| <b>CHICAGO PICKLING</b> , very prolific sort.....    | .10    | .20    | .35    | .60    | 1.75   |
| <b>WEST INDIA GHERKIN</b> ; mall, oval, prickly..... | .10    | .25    | .40    | .75    | 2.25   |

## Endive

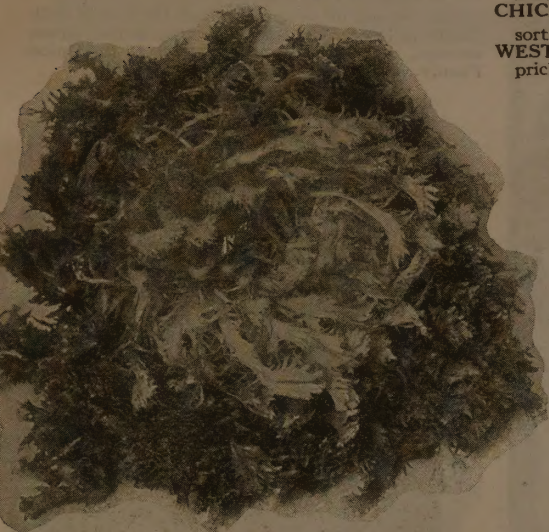
Sow one ounce seed to 150 feet of drill.

One of the best vegetables for fall and winter salads, little used as yet in this country but rapidly gaining in favor as it deserves. When served as salad with Lettuce and French Dressing is most delicious

**CULTURE.**—Sow seed ¼ inch deep in drills 12 inches apart Thin to 12 inches apart in row. Hoe occasionally to keep the weeds down. Leaves require to be blanched before using. When plants have fully grown tie outer leaves together lightly at the tips. In from 1 to 3 weeks they will be beautifully bleached, when the crop should be used. Tie for blanching only as required, otherwise blanched hearts will decay.

**MOSS CURLED.**—The sort most generally used, growing more densely and having leaves much finer cut than the green curled sort. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c. Postpaid.

**GREEN CURLED.**—Dark green leaves beautifully curled, which blanch white, crisp and tender. Fine for garnishing. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c. Postpaid.

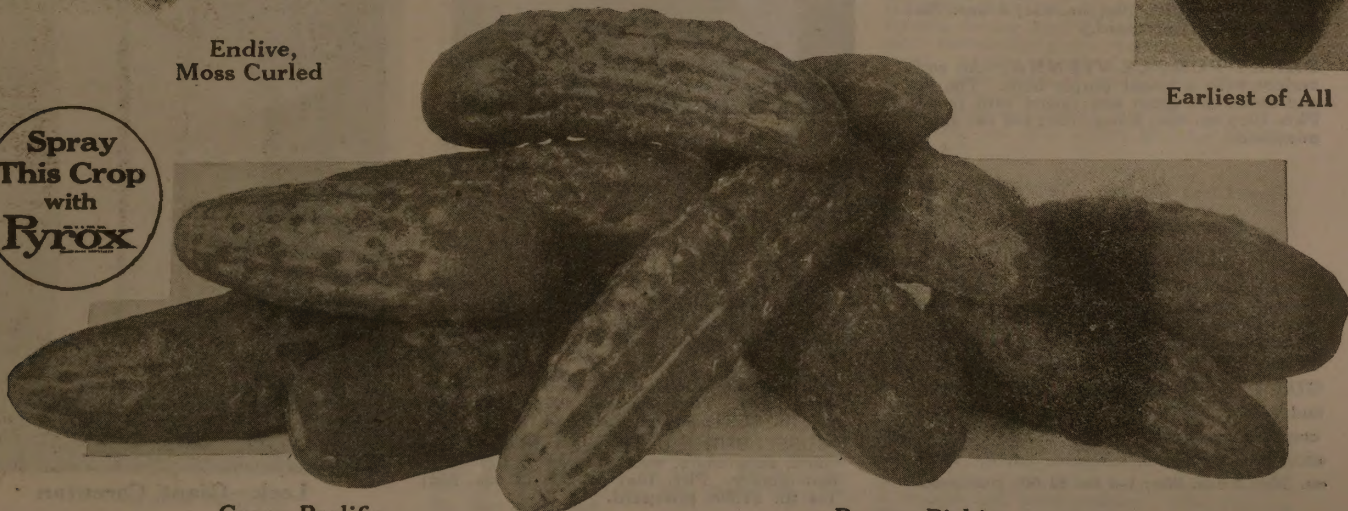


Endive,  
Moss Curled



Earliest of All

Spray  
This Crop  
with  
**PYROX**



Green Prolific

or Boston Picking





## Egg Plant

**CULTURE.**—One ounce of seed will produce about 1,000 plants. Sow the seed in a hotbed about April 1st, or if hotbed is not available, may be grown in any bright room with a temperature of about 70 degrees. When the weather has become warm and settled, gradually harden the plants by exposure to the sun and air, after which transplant to the open in rows 2½ feet apart each way. The Egg Plant requires a rich soil and as favorable a location for warmth as the garden will afford.

**IMPROVED NEW YORK PURPLE.**—One of the best and largest varieties in cultivation. The plant is robust, low-growing, branching freely, and bearing large, oblong-shaped purple fruit. The favorite sort for either home or market garden. Pkt. 10c; 1-2 oz. 75c; oz. \$1.25; postpaid.

**BLACK BEAUTY.**—Somewhat earlier than improved New York Purple; fruits not quite as large, a little longer in shape and slightly darker in color. Pkt. 10c; 1-2 oz. 85c; oz. \$1.50; postpaid.

## Horse Radish

**CULTURE.**—Horse Radish produces no seed, but is propagated by root cuttings. Plant the sets or roots in rows or furrows 2 to 3 feet apart and from 15 to 18 inches apart in the rows. Place small end down with the top three inches below the surface. The soil should be rich and thoroughly cultivated before planting. Cultivate until tops or leaves cover the ground, when their shade will keep down the weeds.

Small roots per dozen, 40c; postpaid.

## Garlic

**CULTURE.**—Plant sets 6 inches apart in rows 1 foot apart. Cultivate same as onions. When leaves turn, crop is mature.

One pound of sets will plant 150 feet of drill. Garlic is largely used for flavoring soups, stews, sausage, etc. A bulbous perennial of the Onion Family. Price: per lb. 60c; postpaid.

## Gumbo or Okra

1 ounce will sow 50 feet of drill.

Okra is cultivated for its young seed pods, which are very nutritious, and are used in soups and stews. Pods are in their best state when 1½ to 2 inches long and should be gathered then.

**WHITE VELVET.**—Pods round, smooth, attractive white velvet appearance, tender and of superior flavor. Plants dwarf and productive. Pkt. 10c; oz. 25c; 2 ozs. 35c; 1-4 lb 60c Postpaid.



Leek—Giant Carentan

## Improved New York Purple Egg Plant

### Kohl-Rabi

#### TURNIP-ROOTED CABBAGE

1 ounce will sow 300 feet of drill.

Kohl Rabi is cultivated much less in this country than it deserves. It yields in its thick fleshy stem a vegetable almost equal to Cauliflower, while it requires no more attention than a crop of Cabbage. Gather when bulbs are three inches in diameter. Cook like Turnips.

**CULTURE.**—Sow seed outdoors May to July ½ inch deep in drills 2 feet apart. Thin young plants to 6 inches apart in the rows. Seed may be started indoors during March and April and transplanted like Cabbage. When hoeing be careful not to throw earth into the heart of the plant as this would prevent bulb from forming.

**EARLY WHITE VIENNA.**—This is the best variety and may be used within 3 months from date of sowing. The bulbs are of a greenish-white color, very smooth, and of finest texture and quality. Should be used before fully grown, or when about the size of an orange. Pkt. 10c; oz. 40c; 2 ozs. 75c; 1-4 lb. \$1.25; postpaid.

**EARLY PURPLE VIENNA.**—An early variety with a bright purple bulb. The leaf and stems are green and tinged with purple. Pkt. 10c; oz. 40c; 2 ozs. 75c; 1-4 lb. \$1.25; postpaid.



Kohl Rabi—Turnip Rooted Cabbage

## Leek

1 ounce will sow 100 feet of drill.

**CULTURE.**—Sow seed 1 inch deep in drills 1 foot apart as early in spring as ground can be worked. When 6 to 8 inches in height, transplant into rows 1 foot apart and 6 inches apart in the row. Set plants as deeply as possible, and hill up as they grow in order that the necks may be well blanched and tender. Leeks do best in very rich soil. They may be dug with roots on and stored during winter in moist sand in the cellar.

**GIANT CARENTAN.**—A quick growing sort and very hardy. When thoroughly blanched the long thick stems are of a handsome white appearance, having a mild, agreeable flavor. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60; postpaid.

**BROAD LONDON FLAG.**—Produces good sized leeks. Pkt. 10c; oz. 40c; 2 ozs. 70c; 1-4 lb. \$1.25; postpaid.

**MUSSELBURGH.**—The stem is long, very thick, snow-white, sweet, tender and of excellent quality. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60; postpaid.



*"Big Boston"*



## Lettuce

1 ounce will sow 100 feet of drill.

With salads, perhaps the most popular of table delicacies, one involuntarily associates Lettuce. Its claims upon the gardener in the process of cultivation are practically nil; moist average soil, and clean cultivation being its total requisites. McDonald's Lettuce plants are resultant upon exhaustive study and experiment, and now we are able to cater to the wants of the most discriminating, secure in the knowledge that nothing better is obtainable.

**BIG BOSTON.**—This variety is identical in color, shape and general appearance with the famous Boston Market lettuce, but is double the size and valuable alike for forcing or the open ground. The Big Boston is everywhere popular with market gardeners on account of producing large, solid, saleable heads at all seasons of the year. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c; postpaid.

**BOSTON FORCING.**—A desirable sort for forcing under glass, also for early out-door planting. The heads are of medium size, compact and quite solid. Outer leaves are light green in color; the inner leaves blanched to a rich creamy white. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

**HANSON.**—The ideal cabbage lettuce for outdoor cultivation. The heads are of remarkably large size; outer leaves of light yellowish-green, beautifully curled and crinkled inner portion, creamy-white, deliciously tender, crisp and sweet, and free from any trace of bitterness. Heads remain long in good table condition even after maturity. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

**DEACON.**—A large, firm-heading variety; color light green outside, creamy yellow inside; of a delicious buttery quality; remains long in head without running to seed. An excellent variety. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

**CULTURE.**—Lettuce to be crisp and tender requires rapid growth, necessitating rich soil, a generous supply of well rotted manure, and an abundance of moisture. For early use sow seed  $\frac{1}{4}$  inch deep in hotbeds in March. Thin sufficiently to prevent crowding, harden gradually by exposure, and transplant to open ground. Set in rows 18 inches apart and 4 inches apart in the rows. As plants crowd, thin by using alternate plants. By this means a longer succession of cuttings may be had from the same ground. Where large heads are desired thin to 10 to 12 inches apart in the rows. For general crop sow outdoors as early in spring as ground can be worked. Repeat every two weeks for succession.

**GRAND RAPIDS.**—The market gardener's favorite forcing lettuce, and for this purpose more extensively grown than all others combined. It does not form a head, but rather a handsome bunch of prettily curled leaves; not liable to rot, and will keep from wilting longer while exposed for sale than any other. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c; postpaid.

**DENVER MARKET.**—An early head lettuce, with beautiful Savoy-like leaves. Heads large and solid, of light green color. A splendid variety for either forcing or the open ground. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c; postpaid.

**GOLDEN QUEEN.**—This is an excellent forcing variety, and is liked by many gardeners who favor a golden yellow head. Medium sized, crisp and tender. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c; postpaid.

**ICEBERG.**—An excellent cabbage variety. The heads are so compact and solid that they seldom go to seed. The inside is thoroughly blanched, of finest flavor, crispness is retained in hottest and driest weather. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c.



Grand Rapids





Salamander

**WHITE PARIS COS.**—A favorite variety in Europe; sometimes referred to as Celery Lettuce, perhaps on account of the shape of head and brittleness of the long, white leaves. The Cos is conceded to be the finest of all lettuce. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

**WAYAHEAD.**—This magnificent sort, while new, has given most gratifying results. The heads are firm, of large size, and the quality everything that can be desired in a butterhead lettuce. The outer leaves are a light green in color, and the inner portion prettily blanched to a rich buttery yellow. No other of the early heading sorts will stand so long in edible condition without running to seed. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c; postpaid.

**BLACK SEEDED TENNISBALL.**—Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c; postpaid.

**BLACK SEEDED SIMPSON.**—Is ever popular for forcing and open ground culture. It forms no definite head, but rather a large mass of light-green leaves, blanched clearest white to the center. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

**TRIANON COS.**—Leaves closely overlap, providing a protection from the heat and blanching inner portion to snowy whiteness. Heads of compact upright growth, mid-ribs of leaves are large, solid, crisp. Pkt. 10c; oz. 30c; 2 oz. 50c; 1-4 lb. 90c; postpaid.

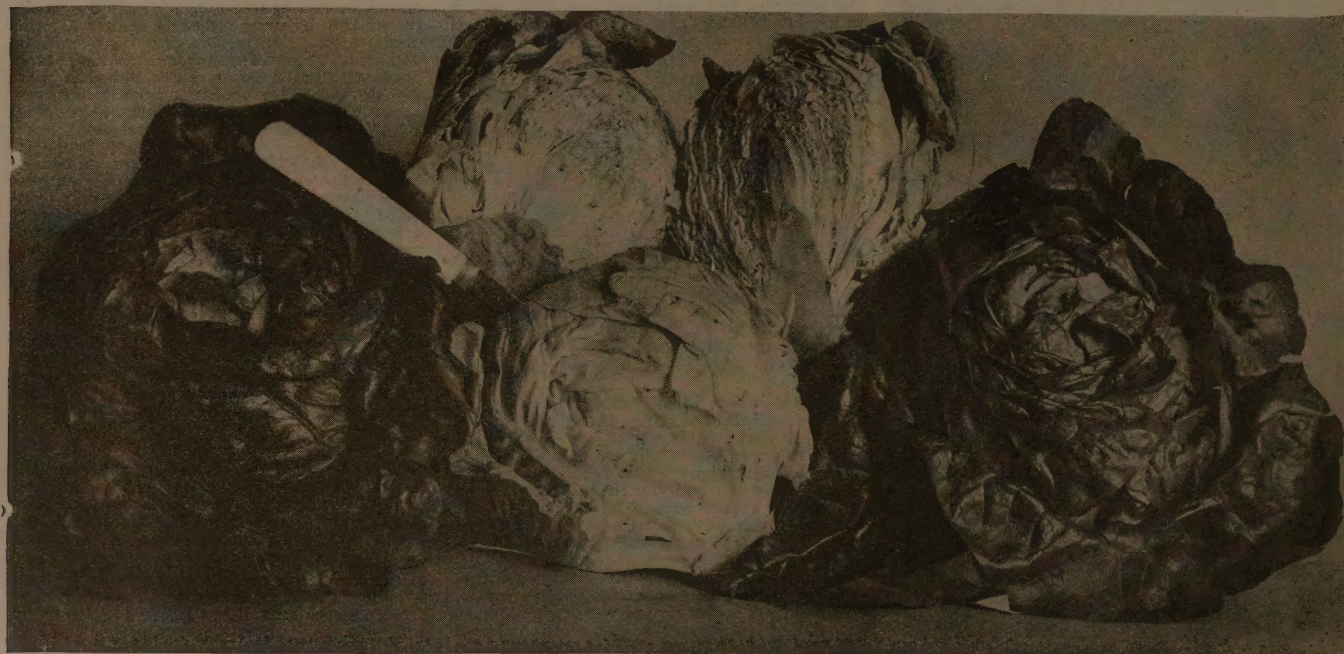
**SUTTON'S FAVORITE.**—A splendid heading sort of handsome appearance, and desirable for its superior crispness and delicious quality. Highly recommended for open ground culture. Pkt. 10c; oz. 35c; 2 ozs. 60c; postpaid.

**NEW YORK OR WONDERFUL.**—Rich deep green, blanched within. Heads are of unusual size, solid and desirable for summer, not running to seed. Pkt. 10c; oz. 30c; 2 oz. 50c; 1-4 lb. 90c; postpaid.

**MAY KING.**—A handsome, quick-growing sort, valuable for forcing and open ground culture. Heads are of medium size, six to seven inches in diameter; outer leaves of yellowish green, tinged with brown, inner portion a rich golden-yellow. Pkt. 10c; oz. 30c; 2 oz. 50c; 1-4 lb. 90c; postpaid.

**SALAMANDER.**—Desirable for summer use; heads are large, and quite solid; leaves thick, smooth, very tender, and of excellent quality. Remains long in head without running to seed. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c; postpaid.

**TOMHANNOCK.**—A new variety and one of the most beautiful. For midsummer use it has no superior. Of upright habit, forming a handsome bunch 10 to 12 inches high; outer leaves curled, and of a reddish bronze color; inner leaves white, crisp and tender. It will stand the hot, dry weather without growing bitter, tough or running to seed. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c; postpaid.

Black  
Seeded  
Simpson

May King





Rocky Ford

## Musk Melon

**CULTURE.**—1 ounce of seed for 50 hills. 2 to 3 pounds per acre. Select a light rich loamy soil. When ground has become warm and dry, plant seed  $\frac{1}{2}$  inch deep in hills 6 feet apart each way, putting 10 or 12 seeds to the hill. Mix a shovelful of well rotted manure in each hill to promote strong growth. Thin to 3 or 4 plants to hill when rough leaves have formed. Pinch ends of growing shoots to induce early fruiting. Cultivate until vines cover the ground. Dust plants with Slug Shot or Bug Death to prevent insect attacks. Early melons may be had by starting seed in pots or berry boxes in hotbeds and transplanting to open ground when soil becomes warm.

**ROCKY FORD.**—This little melon has become world famous for its sweet, luscious, melting flesh of captivating flavor. Vines are exceedingly healthy and vigorous, bearing an abundant supply of fruit during the entire season. Fruits are oval in form, finely netted and slightly ribbed. Flesh is thick, firm, yet so sweet and melting as to be eaten close to the rind. The seed cavity is small. Average weight about one and a half pounds. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

**BAY VIEW.**—Oblong in shape, and from 12 to 15 inches in length; vines are of strong vigorous growth and very productive. Fruits have broad heavy ribs which are well netted. Flesh is of a luscious melting green and of splendid quality. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c.

**EMERALD GEM.**—Skin, while ribbed, is generally smooth and of a deep emerald-green color. Flesh is thicker than in any other of the same size and of a beautiful suffused salmon color, ripening close to the rind, which is extremely thin. Vines are thrifty in growth and very prolific. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c.

**EXTRA EARLY HACKENSACK.**—A selection of the famous Hackensack but fully ten days earlier, and producing large, handsome melons of best quality. The fruits are nearly round, deeply ribbed, and coarsely netted. The flesh is green, slightly tinged with yellow, and of most delicious flavor. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

**HACKENSACK.**—An old time favorite still in popular demand. The melons grow to a large size, are round in form, heavily ribbed and netted. Flesh is thick, of light green color and excellent quality. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

**IMPROVED YELLOW CANTALOUPE.**—Large oval shaped fruit, slightly ribbed and coarsely netted. Flesh is salmon yellow and very sweet. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

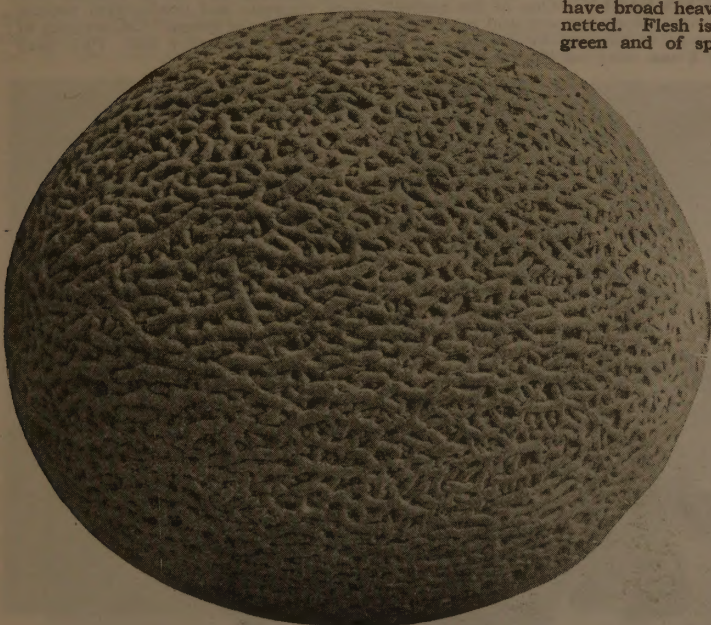
**LONG ISLAND BEAUTY.**—A fine melon of the Hackensack type. Skin is densely netted; flesh green and of excellent quality. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c; postpaid.

**MONTREAL GREEN NUTMEG.**—A handsome, large-fruited variety of superior quality. Melons are of rounded form, slightly flattened at the ends, with large, broad, heavy ribs; flesh thick, light green, melting, and of highest quality in both sweetness and flavor. Pkt. 10c; oz. 40c; 2 ozs. 70c; 1-4 lb. \$1.25; postpaid.

**OSAGE or MILLER'S CREAM.**—One of the most popular melons in cultivation, and desirable for market or home garden. Fruits are of medium size, oval in form, dark green in color, slightly ribbed and handsomely netted. Flesh is rich salmon color, unusually thick, and of finest texture and quality. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.00; postpaid.

**TIP TOP.**—Flesh thick, fine grained, bright salmon in color, sweet, juicy and of fine flavor. Productive and particularly valuable for market use. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.00; postpaid.

**ROBINSON'S GOLD-LINED.**—Slightly oval, no ribs, heavily netted. Fruits thick-meated from end to end, fine-grained, very sweet; color green, with a gold margin next to seed cavity. One of the best of recent introductions; desirable for high-class market trade. Pkt. 10c; oz. 40c; 2 ozs. 70c; 1-4 lb. \$1.25; postpaid.



Robinson's Gold-Lined





Cuban Queen

## Water Melon



Cole's Early

## Mushroom Spawn

**Finest Quality English Milltrack.**

1 brick will spawn a bed covering 10 square feet.

Mushrooms may be grown in any cellar or shed where the temperature can be maintained at from 50 to 60 degrees and provided moisture conditions are favorable.

**CULTURE.**—The first step in growing Mushrooms is to procure a sufficient quantity of fresh horse manure, free from long straw, also quantity of old pasture soil. Mix thoroughly three parts manure to one part soil, turning mixture every two or three days until extreme heat has disappeared. Water mixture very sparingly if not moist enough.

A good depth for a Mushroom Bed is 12 inches at the rear, sloping to 9 inches at the front. Commence bed by putting a thin layer of compost, pounding it with the back of a spade to pack solid. Repeat layers until bed is of required thickness. When temperature has fallen to between 80 and 90 degrees, break spawn into pieces about 1½ inches square, placing the pieces in holes 2 to 3 inches deep and about 10 inches apart each way in bed, covering with the compost. Allow the bed to remain in this condition 10 to 12 days by which time spawn will have spread throughout the bed. Next place a layer of fresh straw to a depth of three or four inches over bed allowing same to remain a few days when it should be removed. Replace this covering by a layer of mold, spreading it to a depth of two or three inches, firming thoroughly with spade. If surface of bed becomes dry, and this is the most frequent cause of failure, apply a gentle watering of luke warm water containing a pinch of nitrate of soda. Keep an even temperature of from 50 to 60 degrees. Crop will appear in from 4 to 8 weeks according to conditions. When gathering the crop pull stalks out completely, otherwise they will rot and destroy the young brood. A good bed yields for about two months. Price: per brick, 30c; 4 for \$1.00; 1 doz. \$2.75; by mail, postpaid, 50c. per brick.

**CULTURE.**—Choose a location well exposed to sunlight. Soil should be warm and rich. Dig ground deeply using a shovelful of well rotted manure in each hill to promote strong growth. Hills should be 8 feet apart each way. Sow seed 1 inch deep with 10 to 12 seed to each hill. Thin to 2 or 3 plants to each hill, leaving the strongest. Hoe frequently. When 3 feet the ends of the shoots should be pinched. To combat insects Pyrox will be found very effective as a spray or Bug Death or Slug Shot as powder.

**COLE'S EARLY.**—Best type for our climate. It is not only the earliest variety but also one of the most productive. Fruit is nearly round, rind thin and brittle, flesh bright red, delicate texture, sweet, juicy and delicious. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c. Postpaid.

**CUBAN QUEEN.**—Fruits medium to large size, globular or oval; beautifully striped in dark and light green; flesh bright red; quality excellent. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c. Postpaid.

**KLECKLEY SWEETS.**—Large size, oblong, but somewhat tapering at ends. Skin dark green; flesh bright scarlet, sweet, sugary and possessing a peculiar honey-like flavor. Desirable for the home garden. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 70c. Postpaid.

**MOUNTAIN SWEET.**—An old time favorite preferred by many. Fruits oblong, dark green in color; rind thin; flesh red, solid and sweet. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; Postpaid.

**SEMINOLE.**—Of large size, oblong in shape, flesh solid, crisp, sugary and delicious. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c. Postpaid.

**PEERLESS.**—One of the most handsome types. Of medium size, almost round; skin pale green, slightly mottled; flesh bright scarlet, fine-grained, solid to centre sweet, crisp and melting. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c. Postpaid.

**PHINNEY'S EARLY.**—One of the earliest; vines vigorous and productive; melons medium size, oblong, smooth and marbled, with two shades of green. On account of hardy nature is adapted for sowing in northerly sections. Quality fine. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c. Postpaid.



Parsley—Moss Curled





McDONALD'S  
*Perfecta*  
Parsley

## Parsley

1 ounce will sow 150 feet of drill.

**CULTURE.**—Parsley Seed germinates slowly. Three or four weeks usually elapse before the young plants appear. Seed should be soaked in tepid water for a few hours to hasten germination. Sow seed  $\frac{1}{2}$  inch deep in rows 12 inches apart. Thin young plants to three to four inches apart in the rows.

## Mustard

1 ounce will sow 50 feet of drill.

Mustard is used with Cress or Lettuce for salads or for garnishing.

**CULTURE.**—Sow seed thickly  $\frac{1}{2}$  inch deep in drills 8 to 12 inches apart. As the crop is best when in its young tender state it should be cut when two inches high. Successive sowings should be made frequently. For early crops sow in hotbeds in March or April. Crop is usually ready in from 4 to 5 weeks.

**CHINESE.**—A valuable variety of mustard highly prized for salads or boiling and serving like spinach. Leaves are twice the size of ordinary mustard. Ready for use about six weeks from time of sowing. Pkt. 10c; oz. 20c; 2 ozs. 40c; 1-4 lb. 70c; postpaid.

**WHITE.**—For salads and general use. Pkt. 10c; oz. 20c; 1-4 lb. 35c; lb. 60c; postpaid.

**BROWN.**—Stronger and more pungent than the white. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; postpaid.

**CHAMPION MOSS CURLED.**—The leaves are beautifully crimped and curled and of attractive moss-like appearance. Magnificent as a garnish both on account of its deep green coloring and its rich mossy texture. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; postpaid.

**HAMBURG or LARGE ROOTED PARSLEY.**—Unlike the above sort, the root and not the top is the edible portion, resembling a small-sized parsnip. Very desirable as a seasoning for soups, stews, etc. The roots may be dug late in the fall and stored in sand for winter use. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

**FERN-LEAVED.**—Exquisitely perfect in form and color; quite fern-like, and highly ornamental. Pkt. 10c; oz. 25c; 2 ozs. 45c; 1-4 lb. 75c; postpaid.

**McDONALD'S PERFECTA.**—The highly ornamental and beautiful appearance of McDonald's "Perfecta," makes it a most desirable type for garnishing. Leaves are a rich, dark green in color, finely cut, handsomely curled, and are deliciously aromatic and highly prized for culinary uses. Makes also a magnificent border for the flower garden. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.00; postpaid.

## Parsnip

1 ounce will sow 150 feet of drill. 5 to 6 pounds per acre.

**CULTURE.**—Parsnips do best in a rich deep sandy soil, but will make good roots in any soil that is deep, mellow and moderately rich. In manuring the land for this crop it is important to use only manure that is well rotted, as the application of fresh manure is apt to make the roots rough and branching. As Parsnip Seed is slow to germinate, it should be sown as early as possible, in drills 15 to 18 inches apart, covering to a depth of  $\frac{1}{2}$  inch. Give frequent cultivation, thinning the plants to stand from 5 to 6 inches apart.

**IMPROVED HOLLOW CROWN.**—This sort has been in large demand for years past and is a favorite. It is very productive; roots are well shaped, long and smooth; flesh white, tender and well flavored. Pkt. 10c; oz. 15c; 2 ozs. 25c; 1-4 lb. 40c; lb. \$1.25 postpaid.

**NEW MALTESE.**—A superior strain of Hollow Crown Parsnip; extensively used and liked for market use. Roots are large; skin smooth and free from small rootlets. Flesh fine-grained and rich, without any hard core. Pkt. 10c; oz. 15c; 2 ozs. 25c; 1-4 lb. 40c; lb. \$1.25; postpaid.

**IMPROVED GUERNSEY.**—Roots are larger and shorter than the Hollow Crown; smooth, fine-grained, easy to harvest and a heavy cropper. Pkt. 10c; oz. 15c; 2 ozs. 25c; 1-4 lb. 40c; lb. \$1.25; postpaid.



Improved Hollow Crown Parsnip





A Prolific and

Profitable Crop

**MCDONALD'S LARGE RED WETHERSFIELD.**—Red Wethersfield is the most largely grown of all red onions. It is also the largest yielder and the best keeper for winter use. The large bulbs are of flattened shape but quite thick through, single specimens sometimes weighing as much as one pound. The outer skin is of a deep-purplish-red, smooth and glossy; flesh, a melting white tinted with rose. Ideal for market use on account of its handsome shape, color and size. While perhaps not generally understood, there are many types and selections of Red Wethersfield, differing in size, shape of bulbs and time of ripening. McDonald's selection of Large Red Wethersfield has won an enviable reputation in the estimation of market gardeners and other planters, for the reason that after repeated trials, all that we have ever claimed for it has been more than fulfilled. This ideal onion is one you can plant largely for main crop, with the assurance that it will carry with less shrinkage than any other of the main crop or long-keeping varieties. While the seed is usually sown to the open ground, if largest sized onions are desired, we would recommend sowing in hot beds and later transplanting to the open ground. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.00; lb. \$3.50 Postpaid.

**EXTRA EARLY FLAT RED.**—A medium-sized onion, fully ten days earlier than Red Wethersfield which it somewhat resembles, although of smaller size and flatter shape. It adapts itself to cool or damp, mucky soils where other varieties fail to produce full-sized onions. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.00; lb. \$3.50 Postpaid.

## Onions

1 ounce of seed will sow 100 feet of drill. 5 pounds per acre.

The importance of securing reliable seed cannot be over-estimated. Poor strains are frequently found in Onions, consequently the cost of the seed should prove of little consideration when obtaining supplies. Much seed offered is full of "rogues"—off colored or off in shape. Old seed produces "thicknecks" that is—Onions which refuse to form a bulb and grow large in the neck. We have always taken especial care in the selection of our Onion Seed, and feel confident that nowhere can better seed be purchased.

**CULTURE.**—Deep rich loamy soil is best suited for Onions. Use well rotted manure liberally. Seed may be sown  $\frac{1}{2}$  inch deep in drills 12 to 15 inches apart, as soon as ground can be worked. Rich soil produces weeds, consequently to grow onions successfully a good deal of hand weeding, hoeing and cultivating will have to be done. Thin plants to 4 inches.

**PRIZETAKER RED GLOBE.**—See Novelties and Specialties, page 4.

**SOUTHPORT RED GLOBE.**—Onions when ripe are perfectly globe-shaped, of medium size, and a rich purplish-crimson in color which makes them very attractive. Flesh is white, tinged with purplish-pink. One of the best keepers and valuable for market use. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.00; lb. \$3.75 Postpaid.

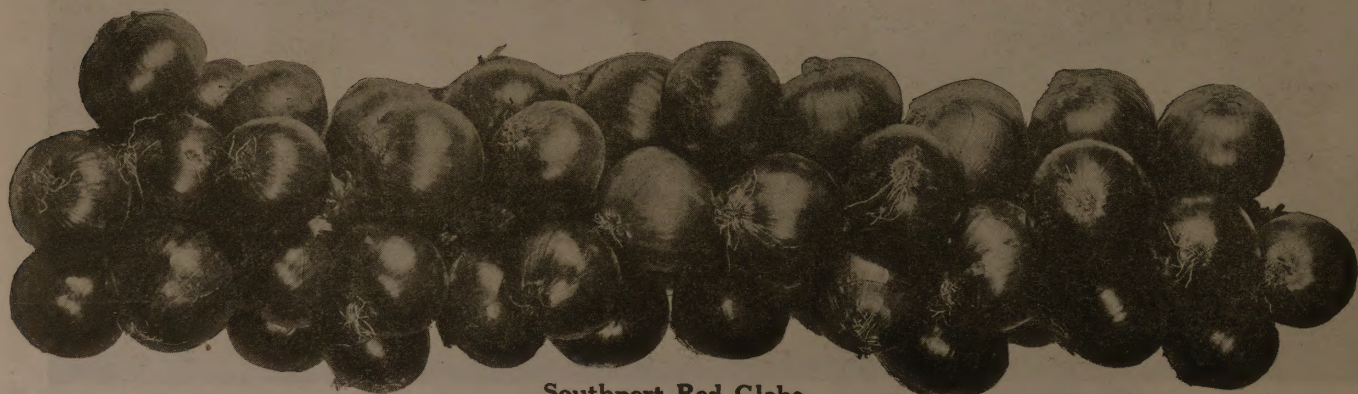
**FLAT YELLOW DANVERS.**—Quality and color same as the preceding. Grows to a good size; ripens early. Preferred to globe shaped for low lands. Pkt. 10c; oz. 25c; 2 ozs. 45c; 1-4 lb. 80c; lb. \$3.00 Postpaid.

**YELLOW GLOBE DANVERS.**—Has been a leader for years, and remains a strong favorite with many growers. Bulb is extremely hard and solid, while its earliness, handsome appearance and sure cropping qualities make it equally desirable for home or market garden use. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c; lb. \$3.25 Postpaid.

**SOUTHPORT YELLOW GLOBE.**—A fine globe-shaped onion, larger, lighter colored and entirely distinct from the Danvers type. Skin is of a pale straw-yellow color; flesh white crisp, mild and fine grained. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.00; lb. \$3.50 Postpaid.

**GIANT PRIZETAKER.**—An excellent globe-shaped onion of uniformly large size and great productiveness. Outside skin is a bright straw color; flesh white and of a mild sweet flavor. Equal in quality to the imported Spanish Onions. Can be grown anywhere where other onions can be produced. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.00; lb. \$3.75 Postpaid.

**AILS CRAIG.**—A desirable sort combining all qualities of a high class onion. Skin is pale yellow and in comparison with the Yellow Globe Danvers, is said to outweigh it one to three. Bulb is extremely hard and solid to the core; flesh snow white and of excellent flavor. Start the seed in window boxes or hot-beds and transplant later when conditions are favorable to the open ground. This means extra trouble, but the resulting crop will more than pay for the effort. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75 Postpaid.



Southport Red Globe



**SOUTHPORT WHITE GLOBE.**—On account of its handsome appearance and general good quality always brings top prices on city markets. The bulbs are of a beautiful silvery-white in color, and remarkably uniform as to size and type. The onions measure from 2 to 2½ inches in diameter. The flesh is crisp, fine grained, snowy white in color and delightfully mild in flavor. Market Gardeners find it an excellent sort for bunching. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.10; lb. \$4.00 Postpaid.

**MAMMOTH SILVER KING.**—Large, flat onions of enormous size; skin a beautiful silver white; flesh, unusually sweet and mild in flavor. More extensively used as an early bunching sort by market gardeners than any other. Not recommended for main crop or winter use. Pkt. 10c; oz. 40c; 2 oz. 70c; 1-4 lb. \$1.25; lb. \$4.50 Postpaid.

**WHITE PORTUGAL or SILVERSKIN.**—A flat, silvery-white onion of medium size and mild, sweet flavor. Very desirable for boiling and slicing and one of the best for the home garden. Extensively used for pickles and onion sets. When grown for pickles, the seed should be sown at the rate of twenty-five pounds per acre. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.10; lb. \$4.00 Postpaid.

**EARLY WHITE BARLETTA.**—Bulbs are pure paper white. When crop is matured, the tops dry down close to the bulb leaving the most perfect miniature onions imaginable, ranging from 1 to 1½ inches in diameter. It is the best of all onions for small pickles and the earliest ripening sort in cultivation. If sown thickly in rows will produce small round onions the size of marbles. Pkt. 10c; oz. 40c; 2 ozs. 70c; 1-4 lb. \$1.25; lb. \$4.50 Postpaid.

**AUSTRALIAN BROWN.**—Distinct from all other onions. Bulb develops early from seed; of medium size, solid, tender, crisp and mild flavored. Pkt. 10c; oz. 25c; 2 ozs. 45c; 1-4 lb. 75c; lb. \$2.75 Postpaid.

**GIANT ROCCA.**—A large, globe-shaped onion, with bright brown or yellow skin. Flesh mild, sweet and tender. Pkt. 10c; oz. 45c; 2 ozs. 70c; 1-4 lb. \$1.25; lb. \$4.50 Postpaid.

## Onion Sets

FOR A QUICK EARLY CROP.

1 quart will plant 50 feet of row.

By planting Sets, Onions may be obtained much earlier than from sowing seed. Good sized onions may be had in from 6 to 8 weeks from time of planting, and some may be had for bunching in even less time.

**CULTURE.**—Onion Sets may be planted as early as the ground is in condition to work, in rows 12 inches apart. Place sets 4 inches apart in the row. Keep clear of weeds by frequent hoeing.

**WHITE ONION SETS.**—Grown from White Portugal or Silverskin seed. Fine for early bunch onions, or if allowed to mature, will produce large onions of choice quality. Pint, 30c; quart, 50c; gallon, \$1.75 Postpaid.

**YELLOW ONION SETS.**—Grown from Yellow Danvers and Strasburg seed, and will produce onions of excellent quality and good size. Pint, 25c; quart, 40c; gallon, \$1.50 Postpaid.

**RED ONION SETS.**—Color, purple-red; even size. Pint, 25c; quart, 40c; gallon, \$1.50 Postpaid.

**TOP or BUTTON ONIONS.**—These are produced on the top of the stalk, instead of from seed. They are about the size of acorns, which, when planted, produce large onions, maturing about the same time as the preceding sorts. Stronger in flavor than the Dutch or Bottom Sets. Pint, 35c; quart, 60c; gallon \$2.25 Postpaid.

**POTATO or MULTIPLIER SETS.**—Each part of the parent bulb produces a quantity of bulbs in cluster. Of mild, sweet flavor, and appreciated by many for early use in green state. Pint, 20c; quart, 35c; gallon \$1.25 Postpaid.



Prizetaker Red Globe



Onion Sets



McDonald's Select Yellow Globe Danvers Onion



## Peas

Fresh green peas are a product of the garden which always meet a hearty welcome at the table. Our assortment contains the broadest variety of the finest types. These have been carefully chosen for their yielding qualities. And—a careful selection of the various kinds will provide crops that will extend over the whole season.

(If wanted by mail add 5c. per 1-2 lb., 10c. per lb., or 25c. per 5 lbs.)

Two "pounds for 100 feet of drill; 2 to 3 bushels in drills for an acre.

**CULTURE.**—While a light rich soil will mature the earliest yield, a good deep loam or clay soil which has been well enriched with manure the year previous will prove best suited for this crop. The earliest peas are mostly round and smooth seeded, and being very hardy should be sown as early as possible in the spring. The sweet or wrinkled varieties are most susceptible to cold, wet weather, and should not be planted until conditions of soil are favorable, otherwise they are apt to rot in the ground. In city gardens where space is limited, peas may be grown in single rows 15 inches apart, or in double rows, from 6 to 8 inches apart and from 2 to 3 inches deep. The taller sorts, that is above 3 feet, will do better if staked, bushed, or grown on a wire trellis. For commercial crop, the drills should be 2 feet apart in the case of dwarf sorts, and the taller sorts from 3 to 4 feet apart, according to variety and richness of the soil. Continue sowing for a succession every two weeks up to the end of June, then discontinuing until August first when a good crop frequently can be secured by sowing the extra early sorts.

**ALASKA.**—Earliest of all blue peas; vines from 20 to 30 inches, very productive, but not equal in sweetness to the wrinkled varieties. Pods are small but well filled with plump, dark green peas. Almost the entire crop is ready for picking at the one time. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 30c; 5 lbs. \$1.25.

**AMERICAN WONDER.**—Vines from 10 to 12 inches, and literally loaded with pods containing seven or eight large peas, which are very sweet, tender and fine flavored. One of the best extra-dwarf sorts for the family garden. Seed, medium sized, much wrinkled and flattened, and pale green in color. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 5 lbs. \$1.75.

**MCDONALD'S EARLIEST MARKET.**—The best extra early smooth pea for market garden use. We would ask our customers not to confuse this pea with the wrinkled sorts. While it is more hardy and for this reason can be planted earlier, it does not possess that really fine flavor for which the wrinkled sorts are noted. Extra earliness and uniformity in ripening are the features which make this of special value for market use. Pkt. 10c;  $\frac{1}{2}$  lb. 20c; lb. 30c; 5 lbs. \$1.25.

**EARLY MORN.**—A pea of the Gradus type and desirable for home or market use. Pods are borne in greatest profusion and are of large handsome size, closely packed with large green peas of delicious quality. Height, 3 feet. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 5 lbs. \$2.00.

**LAXTONIAN.**—This pea is really a dwarf Gradus, having all its quality and flavor, but growing only 16 inches high. It is a few days later than American Wonder but the dark green pods are twice as large and usually contain eight or nine peas of delicious flavor. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 5 lbs. \$2.00.

**SUTTON'S EXCELSIOR.**—A deservedly popular sort of the dwarf wrinkled class. It is unusually hardy for a wrinkled pea, vigorous in growth and highly productive. In comparison with Nott's Excelsior, the pods and peas are of larger size, vines about the same height, but foliage of a lighter green. A desirable sort in all respects and especially valuable for the market gardener. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 5 lbs. \$2.00.

**LITTLE MARVEL.**—A new dwarf pea of the Excelsior type. While the pods are not of largest size, measuring two and one-half inches, they are produced frequently in pairs and in enormous quantities. Each pod contains from six to seven large, deep-green peas of finest flavor and quality. Fully as early as the Excelsiors, while pods are of larger size and borne in greater profusion. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 5 lbs. \$2.00.

**THOMAS LAXTON.**—Quite a rival of Gradus for first place in that class. Follows a few days later than the extra early smooth varieties. A luxuriant grower, producing big pods in abundance, each containing eight or more large, handsome peas of delicious quality and flavor. Height, 3 feet. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 5 lbs. \$2.00.

**NOTT'S EXCELSIOR.**—Pods average 3 inches in length, one-third larger than American Wonder; well filled to the square ends with peas of large size and unusually sweet flavor. Height 1 $\frac{1}{2}$  feet. Very fine for market and unsurpassed for home use. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 5 lbs. \$1.75.

**GRADUS (Prosperity).**—No garden pea has met with a more popular demand than this. It is an ideal pea, combining the desirable points of extreme earliness, remarkable productiveness, large size and superior quality. Vines are of vigorous growth and fairly loaded with large dark-green, pointed pods, containing an average of eight or nine light-green colored peas of luscious quality. No mistake can be made in planting Gradus. Height, 3 feet. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 45c; 5 lbs. \$2.00.

**CARTER'S DAISY.**—This pea in competition with many others has received high recognition by the Royal Horticultural Society of England. It is of dwarf growth, 15 inches, second early; pods nearly six inches long and containing from 8 to 10 fine peas of excellent flavor. The large pods are of a rich green color and usually borne in pairs. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 5 lbs. \$1.75.

**HEROINE.**—A second early sort in special demand for market use. In height, about 2 $\frac{1}{2}$  feet, bearing a profusion of large long pointed pods, containing from seven to nine richly flavored marrow-like peas. Pkt. 10c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 5 lbs. \$1.75.

**TELEPHONE.**—A magnificent sort; vines very strong and immensely productive, averaging from 18 to 20 pods per stalk. The pods are of large size and closely packed with 6 or 7 large, delicious peas. Vines 5 feet in height, require staking. Splendid for the home garden. Pkt. 10c;  $\frac{1}{2}$  lb. 30c; lb. 45c; 5 lbs. \$1.75, postpaid.

**QUITE CONTENT.**—Pods are of great size, and longer than any other pea in cultivation. Vines are of strong growth and exceedingly prolific, the pods hanging mostly in pairs; height, 5 to 6 feet. Recommended as one of the finest of all late crop varieties. Pkt. 10c;  $\frac{1}{2}$  lb. 40c; lb. 60c; 5 lbs. \$2.50, postpaid.



Nott's  
Excelsior



**STRATAGEM.**—The most popular of all late or main crop sorts. Vines, 2 feet, strong growth and large foliage; peas, dark green and unexcelled for sweetness and richness of flavor. Pkt. 10c; 1-2 lb. 25c; lb. 45c; 5 lbs. \$2.00.

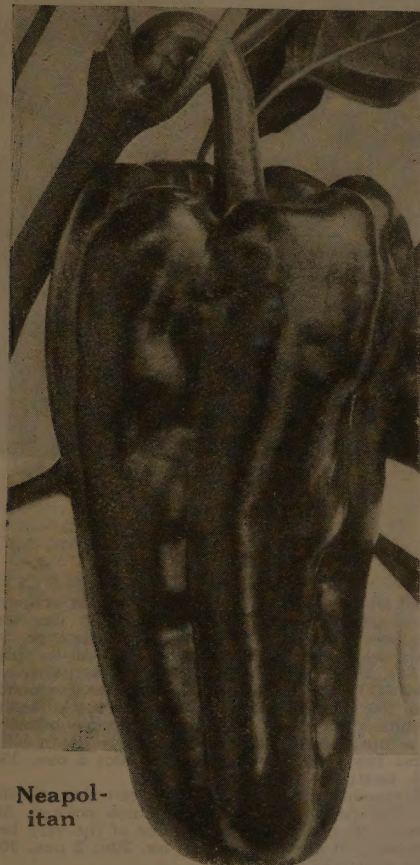
**CHAMPION OF ENGLAND.**—Universally admitted to be one of the richest and best flavored peas grown; it is also one of the best yielding sorts. Vines grow to a height of 5 feet. Pkt. 10c; 1-2 lb. 25c; lb. 40c; 5 lbs. \$1.75.

## Pepper

One ounce seed will produce about 1000 plants.

**CULTURE.**—Seed should be sown  $\frac{1}{2}$  inch deep in hotbeds, or in pots or boxes in the house, where a temperature of about 75 degrees can be maintained. When plants are about 4 inches high transplant to open ground where the soil is light rich and warm. Plants should be set about 30 inches apart each way. Cultivate frequently throughout the season to keep the soil mellow and free from weeds.

**CHILI.**—Produces an abundance of small, bright red peppers about 2 inches long and 1 inch in diameter, tapering to a sharp point. Pkt. 10c; 1-2 oz. 35c; oz. 60c., postpaid.



Neapol-  
itan

**CHINESE GIANT.**—Larger than "Ruby King," not so long, but far thicker and more solid; 4 to 5 inches across the crown and of same length. In color, dark green changing to a brilliant scarlet when ripe. The plants grow to about two feet and are remarkably stocky and strong as they need to be in order to support the heavy weight of thickly set fruits. The flesh is thick and the flavor pleasantly mild. Pkt. 10c; 1-2 oz. 60c; oz. \$1.00, postpaid.

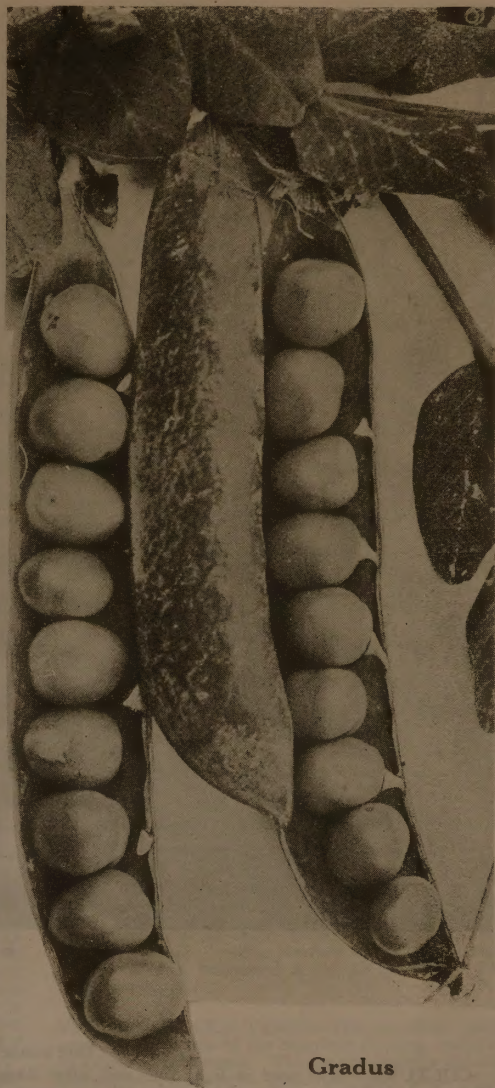
**ROYAL KING.**—Evolved from "Ruby King," but claimed to be its superior in every respect. The fruits are exceptionally thick meated, practically twice as thick as the old Ruby King. It is unusually mild, perfectly sweet and free from pungency. Pkt. 10c; 1-2 oz. 60c; oz. \$1.00, postpaid.

**NEAPOLITAN.**—The earliest large red pepper. Flesh is thick-meated, bright red and unusually mild in flavor. Fruits measure from 4 to 5 inches in length and from  $1\frac{1}{2}$  to 2 inches in diameter. The plants are of vigorous growth and remarkably productive, single specimens frequently carrying from 35 to 50 fruits at the one time. Pkt. 10c; 1-2 oz. 40c; oz. 70c., postpaid.

**PERFECTION PIMENTO.**—Represents the survival of the fittest of the pimento variety. Years of careful selection and improvement has brought the "Perfection Pimento" to a point where we know it has no superior, or in fact, no equal in cultivation to-day. The meat is several times as thick as the bell pepper type and yields fully 50 per cent more edible product. Pkt. 10c; 1-2 oz. 50c; oz. 90c., postpaid.

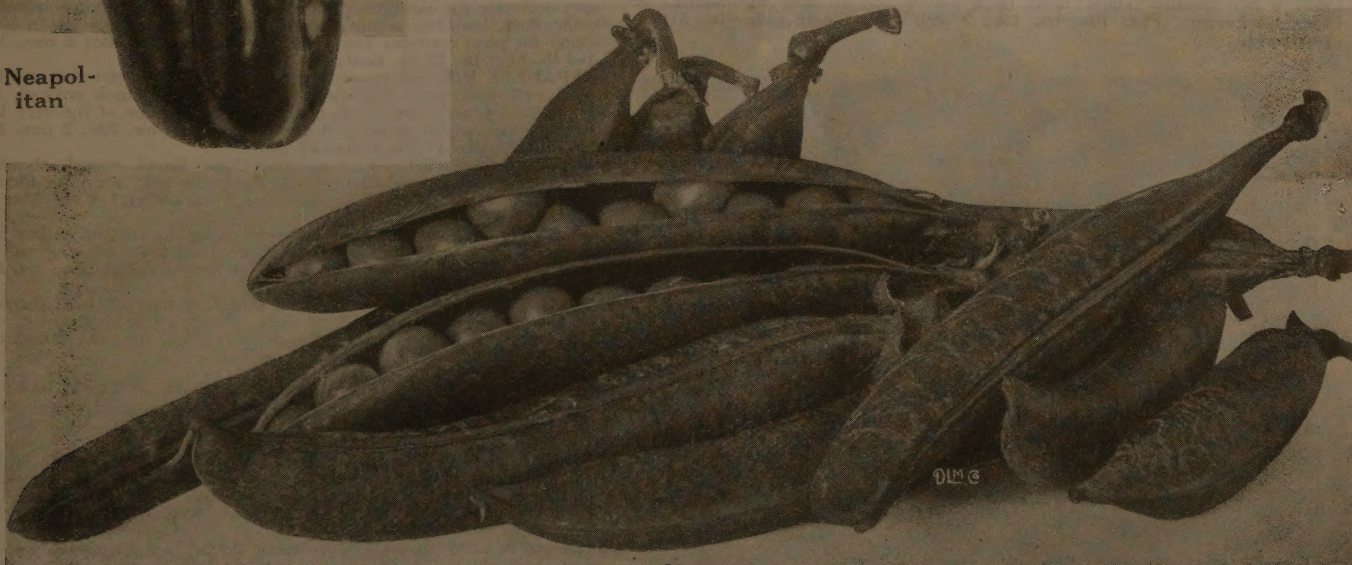
**RUBY KING.**—An old standard, and to-day more extensively cultivated than any other sort. Plants attain a height of 2 feet, and are vigorous, compact and highly productive. Fruits are a ruby-red color; flesh thick, sweet and mild. Pkt. 10c; 1-2 oz. 40c; oz. 70c., postpaid.

**LARGE BELL or BULL NOSE.**—Fruit large, round and blocky, and about three inches long and two inches thick. Color a deep green when the fruit is young, but when fully ripened a rich, glossy bloodred. Pkt. 10c; 1-2 oz. 35c; oz. 60c., postpaid.



Gradus

**LONG RED CAYENNE.**—Extensively used for pickling: pods are about 4 inches in length, cone-shaped and scarlet-red when ripe. Pkt. 10c; 1-2 oz. 30c; oz. 50c., postpaid.



Laxtonian





Field of Big Tom Pumpkins.

## Pumpkin

One ounce will plant from 15 to 30 hills, according to variety.

**CULTURE.**—Sow seed in light rich soil, after danger from frost is past. Plant in hills 8 feet apart each way, or with corn every fourth hill. Cultivate same as for melons. Do not plant pumpkins near melons or other vines as they are liable to hybridize and damage the crop.

**LARGE CHEESE, or KENTUCKY FIELD.**—A desirable sort for market or family use. Fruits are of round, flattened form and about two feet through; skin, a rich creamy yellow; flesh, thick yellow and of excellent quality. A splendid keeper. Pkt. 10c; oz. 15c; 2 ozs. 25c; 1-4 lb. 40c; lb. \$1.25, postpaid.



Large Cheese

**CONNECTICUT FIELD, or "BIG TOM."**—This is the common large yellow pumpkin so generally grown in the corn field. Our seed is very select and produces the heaviest and finest of this type. It is one of the best for feeding to stock, also quite good for pies. Pkt. 10c; oz. 15c; 2 ozs. 25c; 1-4 lb. 40c; lb. \$1.25, postpaid.

**KING OF THE MAMMOTHS.**—Largest of all pumpkins, frequently weighing from 100 to 200 pounds. Popular sort for stock feeding and desirable for exhibition purposes. Skin a deep orange-yellow in color; flesh, very thick, fine grained, sweet and bright yellow in color. Good for pies; contains few seeds. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.25, postpaid.

**JAPANESE PIE.**—A crookneck sort with dark green skin mottled with yellow stripes. The flesh is very thick, salmon colored, fine grained, dry and sweet. It is the earliest and one of the very best for cooking and the making of pies. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 55c; lb. \$1.75, postpaid.

**WINTER LUXURY.**—Fine pie pumpkin. Small, round, about 10 inches in diameter; golden-russet, finely netted; very productive; excellent keeper. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 55c; lb. \$1.75, postpaid.

**QUAKER PIE.**—A small, oval-shaped pumpkin, creamy yellow both inside and out, and of splendid general quality for cooking and for pies. An excellent yielder and a good keeper. Pkt. 10c; oz. 20c; 1-4 lb. 55c; lb. \$1.75, postpaid.

**SMALL SUGAR.**—A small round pumpkin ten inches in diameter with a deep orange skin. The flesh is a rich yellow in color, very thick and sweet, and of finest pie quality. Pkt. 10c; oz. 15c; 2 ozs. 25c; 1-4 lb. 45c; lb. \$1.50, postpaid.

### Three Curious Vegetable Novelties

**SERPENT or SNAKE CUCUMBER.**—A peculiarly twisted type which grows sometimes several feet in length. Pkt. 10c; 1-2 oz. 20c; oz. 35c, postpaid.

**MANGO MELON or VEGETABLE PEACH.**—Resembles orange in shape and size. Rich, golden-yellow, with snow-white flesh. When stuffed they make excellent mangoes and are splendid for preserving. Also used in pies and sweet pickles. Pkt. 10c; 1-2 oz. 20c; oz. 35c, postpaid.

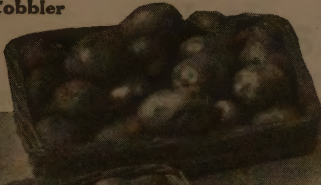
**GARDEN LEMON.**—Of sweet melon flavor, but short, nearly round, and almost the color of a lemon, having yellow and green markings. Flesh tender and agreeable, pulp being about half an inch thick. Makes excellent preserves. Pkt. 10c; 1-2 oz. 20c; oz. 35c, postpaid.



# Seeds That Grow Good Crops

**McDonald's**  
TESTED SEEDS  
TRADE MARK  
TRUE VIGOROUS REVIVAL

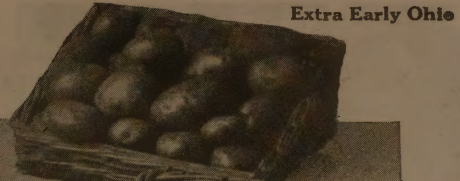
Irish Cobbler



Empire State



Extra Early Ohio



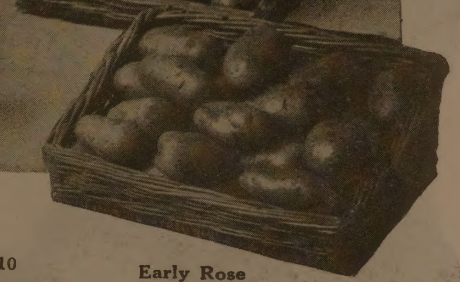
Gold Coin



## Potatoes

One peck will plant about 100 feet of row; 8 to 10 bushels for an acre.

Early Rose



**P**OTATOES are a crop in which Canadians excel. Realizing this—we have by careful selection and annual supervision of growth in developing our seed for many years offer to-day a list of varieties that have withstood the most exhaustive tests. Crops grown from our seed are all vigorous, free from scab and all disease. And—the yield consists of heavy hills of uniformly large, elegant appearing, long keeping, fine tested potatoes. Whether you are growing them for home use or for the market—here is a list of seed that will fulfil all requirements.

**CULTURE.**—Well enriched sandy loam is best suited for potatoes, although good results may be had from most garden soils if well drained. Plant seed in rows about three feet apart. Seed should be set about 4 inches deep and 1 foot apart in the rows. Potatoes are usually cut into pieces with 2 to 3 strong eyes to each piece. Cultivation should be maintained throughout the growing season to clear ground of weeds and at same time to conserve moisture.

**EMPIRE STATE.**—A good, reliable, main crop variety; potatoes uniformly large, oblong, smooth and handsome. It is an excellent yielder, and while one of the older varieties, is still highly valued by many growers. **Lb. 25c; postpaid.**

**EXTRA EARLY OHIO.**—Largely used by market gardeners and growers everywhere on account of its extreme earliness, and because of its mealy nature and fitness for use before fully ripe. Tubers are short, thick, round oblong and full red in color; flesh solid and fine flavored. Our stock of this variety is the earliest, purest and handsomest. With heavy manuring and good culture, a large and prolific crop can be expected. **Lb. 25c; postpaid.**

### ABOUT PRICES

Future values are too uncertain at date of issue to give prices.

Please write for our Special Red Figure Price List, issued at frequent intervals.

### PIONEER PRIDE

A Prodigious Yielder. Will Satisfy the Most Fastidious

Some remarkable yields stand to the credit of "Pioneer Pride," 500 bushels per acre have been grown in successive years on the Fawcett Farm of Sackville, N. B. It is one of the varieties that the grower can tie to with every confidence of not only having an exceptional yield, but also a potato which cannot be surpassed for general quality, which fact, places it ever in ready demand. On good soil the potatoes are all of good size and practically free from small tubers. There is no variety we know of which makes a more handsome appearance. On shape it is roundish oblong with fairly square ends and more or less flattened. The skin is almost white with a tinge of russet-rose; the eyes are few and very shallow. The flesh is white, solid and finely grained and cooks white, dry and mealy. Owing to its vigorous constitution and sturdiness of growth it seems to possess unusual ability to overcome disease and other features which frequently enter into and make the potato crop a source of disappointment of the grower.

If you do not grow "Pioneer Pride," try it out. It will surely please you. **Lb. 25c; postpaid.**

**EARLY ROSE.**—Probably the most popular early potato ever raised in this country. Many growers still claim that it has never been excelled. There is to-day very little of the pure, true Early Rose to be obtained in Canada. For this reason we are glad to be in a position to offer some of the genuine stock possessing the old-time vigor and quality. The potatoes are long and light red in color with shallow eyes. They yield well for an early sort, and the quality is in all respects equal to the very best. **Lb. 25c; postpaid.**

**IRISH COBBLER.**—A chunky white potato of splendid quality. Skin slightly netted; eyes strong and well developed; flesh pure white and of finest quality, always cooking dry and mealy. It matures good sized potatoes seven weeks from planting, and produces very few, if any, small tubers. Its strong growth, earliness, uniformity, large yield, quality and appearance, make this potato a staunch favorite. **Lb. 25c, postpaid.**

**GREEN MOUNTAIN.**—Popular late crop variety and undoubtedly one of the most profitable to plant for main crop. Skin is white; form flat and oval, very smooth, with few, shallow eyes. Its adaptability to all soils, combined with vigorous growth, great productiveness and unequalled quality should commend it to all growers. **Lb. 25c; postpaid.**

**VERMONT GOLD COIN.**—This excellent main crop potato is one of the heaviest yielding varieties in all parts of Canada. Tubers are slightly oblong, somewhat broad and thick through; flesh white and of fine texture, skin thick and smooth with only a sufficient russet tint to distinguish it from the white varieties; eyes very shallow, almost level with surface. Its splendid cropping record, good culinary qualities and handsome appearance make it the favorite for main crop with many growers. **Lb. 25c, postpaid.**

Pioneer  
Pride



Green  
Mountain





## Radish

One ounce will sow 100 feet of drill. 8 to 10 pounds per acre.

**CULTURE.**—Radishes delight in rich, light sandy soil, and to be crisp and tender, must make rapid growth. They reach an edible condition in from 3 to 5 weeks. Plant in the open as soon as ground can be prepared in the spring. For a succession sow at intervals of two weeks until midsummer. Sow seed in drills 1 foot apart and thin to 2 to 3 inches apart in the rows.

**EARLIEST "SCARLET" TURNIP.**—Exceedingly early and the prettiest and most attractive little radish you could wish for. The roots are a beautiful bright scarlet in color, solid and of true globular shape. It grows very quickly, is of delicate flavor, and is fit to be used within three weeks from time of sowing. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.25, postpaid.

**RAPID FORCING.**—In extensive demand among Market Gardeners as an extra early selection of the popular Scarlet Turnip, White Tipped variety. Owing to its quick growth, smallness of foliage, splendid quality and appearance, it has become a favorite for growing under glass. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.25, postpaid.

**FRENCH BREAKFAST.**—Medium size, olive shaped, small top; quick growth; beautiful scarlet shading to white. Excellent for family use. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00, postpaid.

**NON PLUS ULTRA FORCING (Dark Red Ball).**—This variety has a small top and is as early as any in cultivation, making it one of the very best sorts for forcing under glass. Roots ready to pull may be had in three weeks and they remain fit for use longer than any other variety. Small globular in shape, smooth, deepest red in color; flesh is white, crisp, tender and mild in flavor. May be planted very closely owing to smallness of tops. Pkt. 10c; oz. 20c; 2 ozs. 35c; ¼ lb. 60c; lb. \$2.25, postpaid.

**VICK'S SCARLET GLOBE.**—A beautiful oval in shape, and a rich scarlet in color. An excellent sort for either forcing or the open ground. The flesh is crisp, tender, juicy and mild, and does not become pithy or spongy. Ready for use quite as early as "Non Plus Ultra," although of much greater size when fully matured. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00, postpaid.

**SCARLET TURNIP, WHITE TIPPED.**—Valuable for out-door cultivation, and for this purpose more extensively used than any other. Roots are bright scarlet in color with a clearly defined white tip. A splendid variety for the table on account of fine quality and tempting appearance. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75, postpaid.

**EARLY WHITE TURNIP.**—A handsome white-skinned sort of rapid growth. Flesh is transparent white, sweet, juicy and tender. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75, postpaid.

**GIANT BUTTER.**—A new Radish of attractive color, and the same shape as Early Scarlet Turnip, but attains more than twice the size in the same period of growth; it also remains quite firm and crisp for a longer time. Flesh is a sparkling white, tender, juicy and delicious. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.25, postpaid.

**SCARLET OLIVE.**—A useful variety for forcing or open ground. Ready for use in 25 days. Rich scarlet; flesh crisp and tender. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00, postpaid.

**WHITE OLIVE SHAPED.**—Like the preceding in shape, but pure white in color; similar in quality. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00, postpaid.

**IMPROVED CHARTIER.**—One of the best long sorts for outdoor culture; very attractive; color bright salmon scarlet, shading to white; very crisp, tender and mild. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.25, postpaid.

**LONG SCARLET SHORT-TOP.**—Popular long radish for market use; roots, six inches in length growing about one-third above ground. Quality of the finest; firm, brittle and very tender. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75, postpaid.

**WHITE "ICICLE."**—The name is derived from the almost transparent whiteness of the root. It is one of the best summer radishes, and grows to a length of 5 inches. Flesh is fine grained, crisp and brittle, and retains this quality until fully matured. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.25, postpaid.

**LONG WHITE VIENNA (Lady Finger).**—Skin and flesh, pure white; roots of slender tapering form; quick growth, and averaging from 6 to 7 inches; quality, first class. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.25, postpaid.

## Winter Radishes

Sow about same time as white turnips in drills 18 inches apart. Give frequent cultivation. Thin to 4 to 6 inches apart according to size or variety. Take up before severe frost, pack in sand and store in cool cellar.

**ROSE CHINA WINTER.**—The roots grow from 4 to 5 inches long, 1½ to 2 inches thick, and are broader at the bottom than at the neck; blunt at both ends. The skin is a bright carmine; flesh, white, firm, crisp and pungent. May be sown up to August. It is thicker than any other Winter Radish and keeps well. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75, postpaid.



Non Plus Ultra

**ROUND BLACK SPANISH.**—The roots are rounded or top shaped, from 3 to 4 inches in diameter, and very black skinned. The flesh is white, of firm texture and very pungent. Keeps well throughout winter. Should not be sown before June 1st as it is apt to become hard and woody if sown in spring. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75, postpaid.

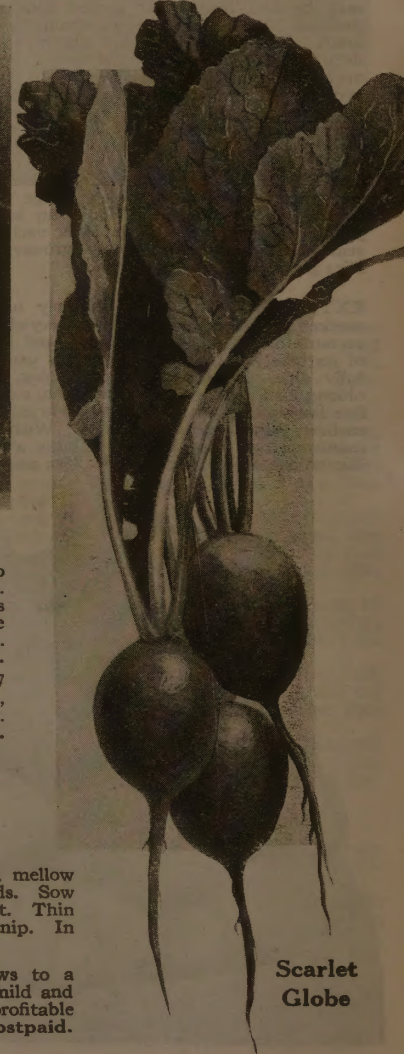
**LONG BLACK SPANISH.**—Roots cylindrical and from 7 to 10 inches long with a diameter of from 2 to 3 inches; skin, very black, somewhat wrinkled; flesh, white firm and compact. Pkt. 10c; oz. 20c; 2 ozs. 30c; 1-4 lb. 50c; lb. \$1.75, postpaid.

## Salsify

[One ounce will sow 60 feet of drill.

**CULTURE.**—Salsify succeeds best in light, well enriched mellow soil, which should be deeply dug and kept free from weeds. Sow seed early in spring 1 inch deep in drills 12 to 15 inches apart. Thin to 6 inches apart in the rows. Cultivate same as for Parsnip. In fall, dig and store like Carrots.

**MAMMOTH SANDWICH ISLANDS.**—This variety grows to a large size, and resembles a small-sized parsnip. It is very mild and possesses a delicate oyster flavor. The largest and most profitable sort to grow. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60, postpaid.



Scarlet Globe



## Rhubarb

One ounce will produce about 400 plants.

**CULTURE.**—Rhubarb does best in very rich deeply dug soil. Sow the seed 1 inch deep in drills 1 foot apart, thinning out the young plants to stand 8 to 10 inches apart in the rows. The following spring transplant into well prepared soil, setting the plants 3 to 4 feet apart each way. The crowns should be covered with about 4 inches of soil. The stalks should not be used until after the second year. Six to 10 plants are sufficient to supply a medium sized family. In extra early spring, rhubarb may be forced by placing a layer of manure 4 to 5 inches deep over a few plants and covering same with a melon frame, box or barrel, or any article which will retain the heat.

**JOHNSTON'S ST. MARTIN.**—One of the earliest. Grows to large size; color, delicate pink; quality, very juicy, sweet and pungent. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

**MYATT'S VICTORIA.**—A popular late sort. Large, thick, red-stalked. Pkt. 10c; oz. 30c; 2 ozs. 50c; 1-4 lb. 90c; postpaid.

**RHUBARB ROOTS.**—Large strong Roots, each 30c; 3 for 75c, postpaid; by express or freight, \$1.50 per doz.



**Rapid Forcing Radish**

## Spinach

One ounce will sow 100 feet of drill. 10 to 12 lbs. per acre.

**CULTURE.**—Spinach is used extensively as "greens" for boiling, and is highly esteemed for this purpose. Quick development of the plant is necessary for best results, therefore the richer the soil the better will be the spinach. Sow in drills 12 to 15 inches apart, covering to a depth of 1 inch. Thin to 3 inches. A succession may be obtained by sowing at intervals of from two to three weeks from April to July.

**BLOOMSDALE, or Savoy Leaved.**—Plant upright in growth, with dark, green, glossy leaves of medium size, pointed but broad and crumpled or blistered like Savoy cabbage. Pkt. 10c; oz. 15c; 2 ozs. 20c; 1-4 lb. 35c; lb. \$1.00; postpaid.

**BROAD FLANDERS.**—Probably the most vigorous and strongest growing of all sorts. Leaves are nearly round, uniformly deep green, thick and somewhat crimped in the centre. Pkt. 10c; oz. 15c; 2 ozs. 20c; 1-4 lb. 35c; lb. \$1.00; postpaid.

**LONG STANDING.**—Of quick growth; remains fit longer than others. Pkt. 10c; oz. 15c; 2 ozs. 20c; 1-4 lb. 35c; lb. \$1.00; postpaid.

**THICK-LEAVED ROUND.**—Of rapid growth; thick, dark green, slightly crumpled leaf. Pkt. 10c; oz. 15c; 2 ozs. 20c; 1-4 lb. 35c; lb. \$1.00; postpaid.

**VICTORIA.**—This is the leader among market gardeners, and is readily distinguished by its very dark green, Savoy-like leaves. It is also remarkable for its long-standing qualities, retaining its fine succulent qualities for fully two weeks after most other varieties have bolted to seed. Pkt. 10c; oz. 15c; 2 ozs. 20c; 1-4 lb. 35c; lb. \$1.75; postpaid.



**Spinach Victoria**

**PRICKLY or WINTER.**—Extremely hardy; withstands the severest weather with slight protection. Seed prickly; leaves oblong or arrow-shaped. Generally planted in fall but good for spring sowing. Pkt. 10c; oz. 15c; 2 oz. 20c; 1-4 lb. 35c; lb. \$1.00; postpaid.

## Have You Grown New Zealand Spinach?

Of the delicious vegetables not generally appreciated to their full value should be mentioned New Zealand or "Summer" Spinach. The

principal reason may be that the plant does not develop early enough to get its succulent growth and make it right for use until after the public appetite has been well fed on greens and is looking about for something considered more substantial. The plant is of spreading habit, eighteen inches in height; stems and leaves soft and fleshy, and edible from the time the plant is large enough for picking until ruined by hard frost. Many good judges considered "New Zealand" superior to ordinary Spinach. It is much easier for the housewife to prepare, as there is no waste or dirt to remove.

It is a good plan to soak the large prickly seed in warm water for twenty-four hours before planting. Planting in the open ground should be done as early as possible; in fact, it might be well to plant some of the seed into a hotbed or seed box during the month of March, with the object of holding the plants until conditions of soil and weather will permit of transplanting to the open ground. When once well started they make rapid growth and should be allowed liberal space as each plant will cover from two to three feet. The extra bother or expense of starting the plants early will repay one, particularly the market grower having a sale for greens during the summer months. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00 postpaid.

## Swiss Chard or Spinach Beet

Should be found in every City Garden.

1 ounce will sow 50 feet of drill.

**Swiss Chard** is greatly prized by those who grow it, and many prefer it to Spinach. It is really a beet which develops large tender crumpled leaves with heavy midribs. Two distinct dishes may be had from the plant at the same time; the leaves may be cooked like Spinach, while the large leaf ribs are served like Asparagus. **LUCULLUS.**—Plants attain a height of 2 or 2½ feet. The stalks are as thick and as broad as Rhubarb, and the crumpled leaves similar to savoy-leaved spinach. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; postpaid.

Requires very little care, and will bear continuously from July to November.

**CULTURE.**—Sow seed in spring in rows 16 inches apart. Thin plants to stand 6 to 8 inches apart. Frequent cultivation will improve the quality of the leaves.

**LARGE RIBBED WHITE.**—The leaves are dark green and curled. It is wonderfully productive and remarkable for the size of the stalks and midribs which are of delicious flavor when cooked. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; postpaid.



**Swiss Chard**





Giant Summer Crookneck

## Fall and Winter Varieties

**BOSTON MARROW.**—Desirable for fall and winter use; shape similar to Hubbard. When ripe the skin is golden orange, slightly shaded with cream; flesh, rich salmon yellow, fine grained and of splendid quality. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00, postpaid.

**DELICIOUS.**—A valuable new sort, for which there is an ever increasing demand. It is top-shaped, of medium size, a dark green or a bluish-green in color; the fruits average from 5 to 10 pounds in weight. The flesh is unusually thick and sweet; a dark orange in color. There is no better squash for fall and winter use. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; lb. \$2.50, postpaid.

**ESSEX HYBRID.**—Fruits are round, ribbed and flattened at the ends; color, deep orange. Flesh is thick, sweet, fine-grained and highly flavored. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00, postpaid.

**GOLDEN HUBBARD.**—While somewhat earlier than the famous Hubbard, it is similar in size and form. The shell is hard, moderately warted, and of a beautiful orange red. Flesh is deep orange in color, fine grained, dry and of excellent cooking quality. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 75c; lb. \$2.50, postpaid.

**HUBBARD.**—This is the standard winter squash and is always in greater demand than any other sort. The fruits have a dark green skin and quite often weight from 15 to 20 pounds. The flesh is a bright orange yellow in color, very thick, fine grained and of excellent keeping quality. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 70c; lb. \$2.25, postpaid.

**CHICAGO or WARTED HUBBARD.**—Resembles the original Hubbard, except that it is larger, a deeper green in color and shows greater development of the rough or warted surface. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 70c; lb. \$2.25, postpaid.

**MAMMOTH CHILL.**—"Jumbò" of all squashes. Skin rich orange yellow, smooth, with wide fissures. Flesh thick, fine grained and sweet. Profitable for stock-feeding, frequently weighing 200 lbs. Keeps well. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 70c; lb. \$2.50, postpaid.



Long White Bush Marrow



Hubbard

## Squash

Summer varieties 1 ounce to 50 hills, Fall and Winter sorts 1 ounce to 20 hills.

The Squash is a voracious feeder and for best results requires a soil which has been deeply trenched and well incorporated with well rotted manure. When the soil has become warm and weather conditions settled, plant bush varieties in hills 4 feet apart, and running sorts from 6 to 8 feet apart each way. 8 to 10 seeds should be planted in each hill. After attaining rough leaves and danger from bugs is over, thin out, leaving 2 to 3 of the strongest plants in each hill. Allow winter squashes to ripen thoroughly, otherwise they may not keep through the winter.

**GIANT SUMMER CROOKNECK.**—Fully twice as large as the original Crookneck, more warty and several days earlier. Of dwarf, bushy habit and exceedingly productive. Skin bright yellow; flesh greenish yellow; cooks quite dry and possesses a most agreeable flavor. Pkt. 10c; oz. 25c; 2 ozs. 40c; 1-4 lb. 70c; lb. \$2.50, postpaid.

**LONG WHITE BUSH (Vegetable Marrow).**—A favorite English vegetable, measuring from 14 to 20 inches in length and from 4 to 6 inches in diameter. Skin smooth and creamy white. Should be used before fully grown, when flesh is tender and of delicious quality. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00, postpaid.

**ENGLISH VEGETABLE MARROW.**—Similar in shape and quality to the preceding sort, but of shorter average length and greenish-yellow in color, later changing to a creamy-white. This is of trailing habit and produces a succession of fruits through the entire season. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00, postpaid.

**MAMMOTH WHITE BUSH.**—A selection from the White Bush Scalloped, but larger, 12 to 15 inches across; of uniform shape and creamy white color. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00, postpaid.

**GOLDEN CUSTARD BUSH.**—A valuable scalloped sort of the Patty Pan type. Skin is a deep orange; flesh pale yellow and of good quality. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c; lb. \$2.00, postpaid.

CONSIDERING conditions as we have them to-day, the prices printed in this catalogue are so evidently reasonable that seemingly nothing is to be said regarding them, yet there are so many seeds of doubtful pedigree, weak vitality, and undesirable quality generally, offered for sale, that we ask our customers to remember that we will not buy or handle at any price Vegetable or Flower Seeds unless raised by experienced growers from stock seeds of known purity and genuineness. Therefore do not believe, because you see seeds offered for less money under similar names by other firms, that the same are equal in real value to ours. We declare that we sell only the best stocks obtainable, and at as reasonable prices as first-class seeds can be sold.





Purple Top White Globe

## Turnip

### McDONALD'S FINE TABLE SORTS

One ounce will sow 150 feet of drill. 1 to 2 pounds per acre.

**CULTURE.**—Turnips do best in a rich sandy loam. Commence sowing early varieties as soon as the ground can be worked. Sow seed  $\frac{1}{2}$  to 1 inch deep in drills from 12 to 18 inches apart. Later, when plants are sufficiently strong to resist attacks of insects, thin out to stand from 4 to 6 inches apart in the rows. Rutabagas or Fall and Winter Turnips should not be sown until July or August. Use 2 to 3 pounds of seed per acre in drills. Thin to 6 to 8 inches.

**EXTRA EARLY PURPLE TOP MILAN.**—Earliest of all turnips and a splendid variety. Bulbs are of a distinct flattish type, medium size, very smooth, white under the ground and a beautiful purple-red above. Flesh is of finest quality, sweet, mild and tender. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.00, postpaid.

**EXTRA EARLY WHITE MILAN.**—Similar to Purple-Top Milan, except that skin is a pure white all over. Pkt. 10c; oz. 35c; 2 ozs. 60c; 1-4 lb. \$1.00, postpaid.

**RED TOP STRAP LEAF.**—Another quick growing sort. While extensively grown for stock feeding, it is of particularly fine table quality if used when roots have attained a diameter of from two to three inches. It is round and flat, white on the bottom and a reddish purple above ground. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c, postpaid.

**PURPLE TOP WHITE GLOBE.**—A handsome globular root and one of the best for early use. Will grow to a larger size than any of the other early sorts, but its finest table quality is attained at a diameter of about three inches. Roots are purple or dark red above ground, white below. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c, postpaid.

**WHITE EGG.**—A quick-growing egg-shaped variety, perfectly smooth and pure white. Flesh firm, fine grained and very mild. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c, postpaid.

**WHITE SIX WEEKS.**—An early, smooth, white, turnip of handsome form. Flesh hard, solid, fine-grained, choicest quality. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c, postpaid.

**EARLY SNOWBALL (White Stone).**—A globe-shaped variety with short top and single tap root. Flesh snowy white, solid, and of mild flavor. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c, postpaid.

**GOLDEN BALL or ORANGE JELLY.**—A distinct variety of very fine texture, and most delicious of the yellow-fleshed sorts. Of medium size, with small tap roots; a rapid grower, maturing early, and keeping well. Pkt. 10c; oz. 20c; 2 ozs. 35c; 1-4 lb. 60c, postpaid.

**McDONALD'S PERFECTA.**—A new purple-top swede which is early and of remarkably quick growth. Flesh of finest texture, very sweet and of excellent cooking quality. The best of all swedes. Pkt. 10c; oz. 15c; 2 ozs. 25c; 1-4 lb. 35c., postpaid.

**LAING'S IMPROVED.**—While not of large size, it is very desirable and highly recommended for garden cultivation. Pkt. 10c; oz. 15c; 2 ozs. 25c; 1-4 lb. 40c, postpaid.

**DANISH QUEEN.**—While we list this chiefly as a stock feeding sort, it has become so popular for market use on account of its very superior cooking qualities, combined with great productiveness, that we now feel justified in listing it as one of the very best swedes for market trade. The lower portion of the root is yellow gradually shading to a rich violet towards the top. Pkt. 10c; oz. 15c; 2 oz. 25c; 1-4 lb. 40c.

#### THESE SEEDS WIN PRIZES.

Renfrew, Ont.

"Your letter of the 15th to hand, and in the same mail I received a check from the Renfrew Agricultural Society, for prizes won at the fair, so that speaks some for the seeds."—WILLIAM CRONIN.

Rutherglen, Ont.

"I have used your Seeds both in the garden and field for quite a number of years and cannot speak too highly of their pure and productive qualities."—A. ROSE.



Extra Early White Milan

DEC





Bonny Best

## Tomato

One ounce of seed will produce about 1000 plants.

**WE PAY THE POSTAGE**  
on all Vegetable and Flower Seeds  
listed in this Catalogue, with the  
exception of Beans, Corn and Peas.

The tomato is a fruit which repays the grower many times over, for all the care and time that the cultivation entails. McDonald's tested seeds produce consistently year after year healthy, vigorous vines—yielding an abundant supply of meaty, firm, smooth, luscious tomatoes—rich in color and delicious to the taste.

**ACME, Improved.**—A superior round fruited variety of purplish-pink color. Vines are hardy and immensely productive, fruits hanging in clusters of four and five. No better variety for market gardeners who want an early purple fruited sort. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60, postpaid.

**BEAUTY.**—One of the best in cultivation. Vines are of strong vigorous growth, fruits borne in clusters of from four to six large, smooth tomatoes of a rich glossy-crimson with purplish tinge. Highly productive and ripens evenly to the stem without a crack. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60, postpaid.

**BONNY BEST.**—An early scarlet fruited variety, ripening its fruits same time as Chalk's Early Jewel which it otherwise much resembles. A strong grower and bountiful yielder. Fruits are even in size, smooth, solid and ripen evenly all over. Splendid for market or home garden. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75, postpaid.

**CHALK'S EARLY JEWEL.**—Follows within a week of Spark's Earliana. Is a heavier cropper and the largest, smoothest and finest flavored extra early bright scarlet tomato now offered. Vines are vigorous and produce fruits continuously through the season. Flesh is solid, with comparatively few seeds, ripening right up the stem, without any cracks or green core. Eminently desirable for market use. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75, postpaid.

**CULTURE.**—Sow seed any time during March or early April in hotbed, greenhouse or box, in warm sunny window. Plants should be transplanted after attaining second leaves, and again when too crowded. In this way they will become more sturdy and branching. After danger from frost, and when plants are well hardened by exposure to outside air, set into the open ground allowing 3 to 4 feet each way between plants. Water freely at time of transplanting, and shelter from sun until well established.

**DWARF CHAMPION.**—This variety owes its popularity to its peculiar habit of growing. Not only is it dwarf and compact, but the stem, being thick, stiff and short jointed, is almost self-supporting when laden with fruit. It is early and of a purplish-pink color; smooth, symmetrical, solid and of fine quality. The best variety to grow plants for sale, owing to their stocky growth. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75, postpaid.

**SPARK'S EARLIANA.**—Probably no early tomato has attracted so much attention. Not only extremely early, but remarkable for its large size, handsome shape and bright red color. Vines are compact in growth, with short, close-jointed branches. The best extra early tomato so far produced. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60, postpaid.

**IMPERIAL.**—An early sort of strong growth and prolific character. Fruits of good size, very smooth and solid; color purplish-pink. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60, postpaid.

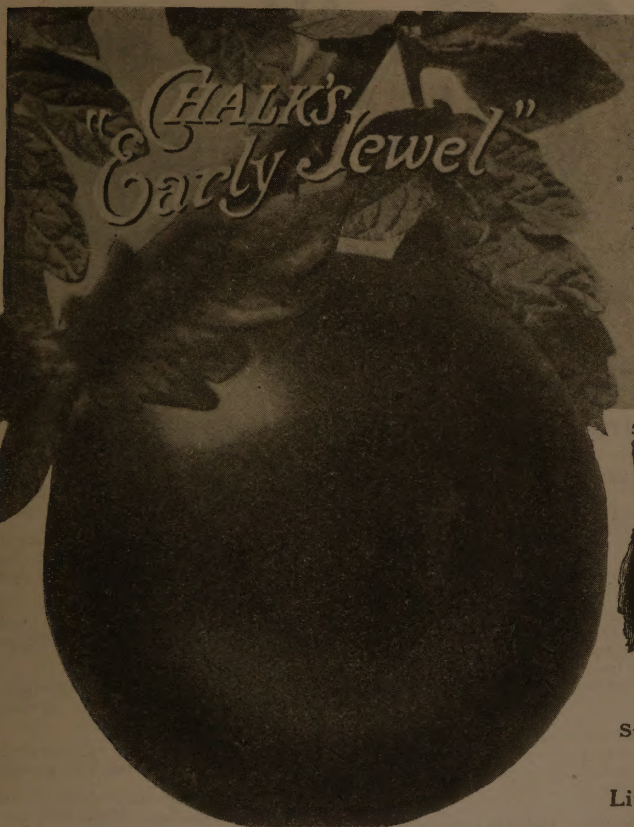
**JUNE PINK.**—Earliest pink tomato; similar in form and growth to the Earliana. Might be described as a pink Earliana. Excellent for market gardeners who want a pink tomato. Fruits are of good size and fine quality ripening evenly, permitting the crop to be gathered in a short time. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75, postpaid.

**MATCHLESS.**—Of strong, vigorous growth, foliage dark, rich green. Fruit, entirely free from core, a rich cardinal red; of largest size and not liable to crack in wet weather. Flesh is so firm that ripe fruit picked from the vine will keep in marketable condition for two weeks. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75, postpaid.



Spark's Earliana





**LIVINGSTON'S GLOBE.**—In shape distinct from other sorts, being handsome globe, which permits of a greater number of slices than is possible with any of the flat varieties. Among the first to ripen; fruits are large and maintained throughout the season. Always firm and has few seeds, especially in early fruits. A glossy rose tinged with purple. Remarkably productive, plant being close jointed, and bearing large clusters of from three to five, which ripen evenly. An excellent keeper and especially adapted to slicing, as the flavor is very delicate and agreeable. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75, postpaid.

## Small Fruited Tomatoes

EXCELLENT FOR PRESERVES, PICKLES AND PIES

**STRAWBERRY.** (Winter Cherry or Husk Tomato).—A small sized fruit grown within a husk. Is valuable for preserving, making into pies, or for eating from the hand. Pkt. 10c; ½ oz. 50c; oz. 90c; postpaid.

**YELLOW PLUM.**—Fruits are plum-shaped, two inches in length and one in diameter. Color, bright lemon-yellow, solid and of fine flavor. Much esteemed for preserving. Pkt. 10c; ½ oz. 40c; oz. 70c, postpaid.

**RED PLUM.**—Similar to preceding sort, but of bright red color. Pkt. 10c; ½ oz. 40c; oz. 70c, postpaid.



Strawberry or Husk

Livingston's  
Globe



**NEW DWARF STONE.**—Resembles Dwarf Champion in habit of growth, but stronger and more erect. Fruit solid, with good skin; ripens evenly; excellent flavor. Resembles Livingston's Stone in its bright red color and shape, and is almost as large. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75, postpaid.

**PARAGON.**—An immense cropper. Flesh solid, well colored and flavored. Ripens between the early and late varieties, grows vigorously, and no variety holds its size better late in the season. Color, glossy deep red. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60, postpaid.

**PERFECTION.**—A smooth, blood red tomato. Ripens with Acme, and a week or ten days earlier than Stone. A good sort for gardeners and canners who require a red tomato. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60, postpaid.

**PONDEROSA.**—Largest and heaviest of the tomato family, the fruits frequently weighing more than two pounds each, and measuring in circumference from 15 to 18 inches. Almost seedless; solid and meaty; a handsome crimson in color. A shy seeder, and for this reason always higher in price than the average variety. Pkt. 10c; oz. 75c; 2 ozs. \$1.25; 1-4 lb. \$2.25, postpaid.

**LANDRETH'S RED ROCK.**—The originator claims this to be the best large-red medium-early tomato in present use. It is round in shape, full bottomed, smooth as an apple; solid, free from cracks and ripens all over. Fruits are borne in clusters and average from 8 to 9 ounces. It requires good rich soil for best results. Pkt. 10c; oz. 60c; 2 ozs. \$1.00; 1-4 lb. \$1.75, postpaid.

**STONE.**—Best all-round variety where earliness is not important. Large, exceedingly solid and heavy. Deep red, very smooth, ripening evenly to the stem, without a crack. Not subject to rot; vines and foliage rank and robust. Pkt. 10c; oz. 50c; 2 ozs. 90c; 1-4 lb. \$1.60, postpaid.

**SMALL FRUITED SORTS MIXED.**—A splendid mixture containing all the best small fruited Tomatoes including Yellow Plum, Red Plum, Strawberry, Red Currant, Red Pear, Red Cherry, Yellow Pear and Yellow Cherry. Excellent for preserves, pickles and pies. Pkt. 10c; ½ oz. 40c; oz. 70, postpaid.

## What We Mean by "Tested" Seeds

The phrase "McDonald's Tested Seeds" has come to have a close association with our business. This is because all varieties of seed we sell are tested before we send them out. When we say "McDonald's Tested Seeds" we mean seeds that we know all about—seeds that we know to be pure, strong, and full of life.

Located as we are in the capital City of the Dominion, and having the Government Seed-testing Laboratory convenient to our business in addition to our own rigorous system of germination tests, we believe that we have unequalled facilities for the testing of our seeds. We import our supplies direct from the most reputable growers in the seed producing countries. We pay our growers to produce their best for us—and we make sure we get it. We are careful in selecting seeds, and we are careful in testing them, because the continued success of our ever-increasing business depends on the "True—Vigorous—Reliable" qualities of

**"McDONALD'S TESTED SEEDS"**





Coriander



Sweet Basil



Sage



Sweet Marjoram



Summer Savory



Thyme

## Herbs

### Best for Culinary and Medicinal use when Home-grown

They are easily grown and are desirable for flavoring, perfuming and medicinal purposes.

**ANISE** (*Pimpinella anisum*).—Cultivated for its seeds and its leaves, which are used as a garnish and for seasoning. Pkt. 10c; oz. 35c, postpaid.

**BALM** (*Melissa officinalis*).—A fragrant lemon-scented perennial used for making balm tea or balm wine. Pkt. 10c; oz. 50c, postpaid.

**BASIL, SWEET** (*Ocimum basilicum*).—Hardy annual. Leaves and tops of shoots are gathered and used for highly seasoned dishes in soups, stews and sauces; a leaf or two is sometimes, used in salads. Pkt. 10c; oz. 25c, postpaid.

**BORAGE** (*Borago officinalis*).—Sown largely for bee pasturage. Used for claret cup and other drinks. The young leaves make an excellent salad. Pkt. 10c; oz. 40c, postpaid.

**CARAWAY** (*Carum carui*).—Cultivated for its seed, which is used in confectionery and cakes. Pkt. 10c; oz. 25c, postpaid.

**CATNIP or CATMINT** (*Nepeta cataria*).—A hardy perennial, well known as a mild nerve for infants. Also a useful bee food. Pkt. 10c; oz. 60c, postpaid.

**CORIANDER** (*Coriandrum sativum*).—Has a pleasant aroma and is used in confectionery and for flavoring of liquors. Pkt. 10c; oz. 20c, postpaid.

**CULTURE**.—Perennial varieties and nearly all annual or summer sorts do best in cool, moist soil, seed germinating best when sown early in spring, so that plants may become well established before hot summer months. Sow seed in shallow drills 12 to 18 inches apart; when plants are well up thin out to proper distance apart. They should be gathered on a dry day, just before they reach full bloom, tied up into small bunches and hung in a cool place to dry until needed. Or when thoroughly dry the leaves may be rubbed off and put into wide-neck bottles, so that air may be entirely excluded.

**DILL** (*Anethum graveolens*).—Seeds and leaves are aromatic, warm and pungent, and used to flavor soups and stews and in pickles. Pkt. 10c; oz. 35c, postpaid.

**HOREHOUND** (*Marrubium vulgare*).—Leaves used for seasoning, and also in making cough preparations. Pkt. 10c; oz. 40c, postpaid.

**HYSSOP** (*Hyssopus officinalis*).—Hardy perennial. Leaf tops and flowers are gathered and dried for making Hyssop tea. Pkt. 10c; oz. 60c, postpaid.

**LAVENDER** (*Lavandula vera*).—Used as a distillation of lavender water, or dried and used to perfume linen. Pkt. 10c; oz. 75c, postpaid.

**MARJORAM, SWEET** (*Origanum marjorana*).—Leaves and ends of shoots esteemed for seasoning in summer and also when dried for use in winter. Pkt. 10c; oz. 75c, postpaid.

**SAGE** (*Salvia officinalis*).—Extensively used for flavoring and dressing. Pkt. 10c; oz. 60c, postpaid.

**SUMMER SAVORY** (*Satureia hortensis*).—Leaves used for culinary purposes, having an agreeable flavor. Pkt. 10c; oz. 40c.

**TANSY** (*Tanacetum vulgare*).—Cultivated for medicinal purposes. Pkt. 10c; oz. 75c, postpaid.

**THYME** (*Thymus vulgaris*).—Young leaves and tops used for seasoning. Pkt. 10c; ½ oz. 50c; oz. 90c, postpaid.

**RUE** (*Ruta graveolens*).—Leaves small and pungent; occasionally used for seasoning, but chiefly for medicinal purposes. Pkt. 15c; ½ oz. 60c; oz. \$1.00, postpaid.

**ROSEMARY** (*Rosmarinus officinalis*).—Aromatic leaves are used for seasoning. Oil from flowers is chief ingredient in Eau-de-Cologne. Pkt. 15c; ½ oz. 60c; oz. \$1.00, postpaid.



## Tobacco

One ounce of seed will produce plants for one acre.

**CULTURE**.—The seed should be sown in a hotbed, or in the open ground after danger from frost. A good plan is to burn a quantity of brush or rubbish in the spring on the ground intended for the seed bed; then dig and thoroughly pulverize the earth, mixing with the ashes, after which the seed may be sown and covered very lightly. When the plants are about 6 inches high transplant into rows 3½ feet apart and 3 feet between the rows. Cultivate thoroughly.

**BIG HAVANA**.—One of the earliest to mature and ripen; a large long leaf. Pkt. 10c; 1-2 oz. 30c; oz. 50c, postpaid.

**CANELLE or QUESNEL**.—A small variety extensively grown in the Province of Quebec. Pkt. 10c; 1-2 oz. 50c; oz. 80c, postpaid.

**COMSTOCK SPANISH**.—Also known as Zimmer's Spanish; leaves large and of silky texture. More extensively grown than any other in the Northern States. Pkt. 10c; 1-2 oz. 40c; oz. 60c, postpaid.

**CONNECTICUT SEED LEAF**.—Very hardy and particularly adapted to northern sections; leaves of medium size. Pkt. 10c; 1-2 oz. 35c; oz. 50c, postpaid.

**GENERAL GRANT**.—One of the earliest sorts; produces a leaf 44 inches long and of proportionate breadth. Pkt. 10c; 1-2 oz. 50c; oz. 80c, postpaid.

**IMPROVED WHITE BURLEY**.—One of the very best sorts for general cultivation. Extensively used for manufacturing purposes. Pkt. 10c; 1-2 oz. 45c; oz. 70c, postpaid.

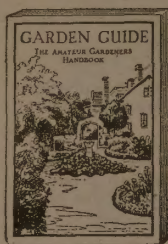
### DO YOU WANT TO KNOW

- about flowers, vegetables, fruits, berries, lawns, trees, shrubs, vines, bulbs, rock gardens; how to lay out your home grounds, porch and window boxes; how to construct hotbeds, coldframes, rustic furniture, bird houses;
- when to sow seed; how to prune, propagate, spray, control insect pests; what garden work to do in January and every month throughout the year, etc., etc.

### THE GARDEN GUIDE

Covers all of the above subjects fully; tells what to do and how to do it from plowing up the ground to storing or canning the harvest. Written by gardening experts to meet the wants of the home gardener who will find in it an answer to the 1001 questions that crop up season after season. The GARDEN GUIDE is the most practical of its kind published.

Handsome Four-Color Cover. 336 pages. 15 Planting Plans. 150 Illustrations. Price: Paper cover 75c. (80c. postpaid). Now in its third edition. Order your copy at once.





# AGRICULTURAL SEEDS



A Crop of Swedes

## These Crops are Most Important to You

**W**

HEN one stops to consider the amount of time and labor spent on these crops and the area of land devoted to them, their importance is emphasized. But no matter how much arduous effort is concentrated on them, nor how ideal a growing season there may be, results are disappointing, to say the least, if the seed planted is not first class in every respect. Realizing this responsibility which rests upon the seedsman, we are particularly careful to furnish the finest pedigreed seeds, severely tested for germinating quality and calculated to produce the best results.

We have contracts with the most reputable growers in various parts of the world, to supply us with seed from stock which is grown to its greatest perfection in their district. Many of these growers are prize winners at famous fairs year after year, and our seed comes from these exhibition stocks.

## Carrots FOR STOCK FEEDING

**CULTURE.**—Carrots do best in a deep rich sandy loam, well pulverized and deeply cultivated. Sow from 2 to 3 pounds of seed to the acre, in drills from 18 to 24 inches apart, and when about 3 inches high, thin to stand from 4 to 6 inches apart in the row.

**DANISH CHAMPION.**—This is the largest, heaviest cropping and most nutritious yellow carrot now grown for stock feeding. Roots are intermediate in length, smooth, heavy at the shoulder and stand well above the ground. Flesh is light yellow, and of excellent quality, possessing high feeding value. 1-4 lb. 30c; 1-2 lb. 50c; lb. 80c. Postpaid.

**IMPROVED DANVERS.**—Among the heaviest cropping sorts and one of the best to grow for feeding stock. Is of medium length, heavy and thick at the shoulder, gradually narrowing to a blunt pointed base. Flesh is of a bright orange yellow, sweet and fine-grained. 1-4 lb. 50c; 1-2 lb. 80c; lb. \$1.50. Postpaid.

**IMPROVED SHORT WHITE.**—The most popular of the white sorts. Roots are half long, very heavy at the shoulder but tapering regularly to a point; color, light green at the crown, creamy white below; flesh, white, solid, crisp and of splendid quality. 1-4 lb. 30c; 1-2 lb. 50c; lb. 80c. Postpaid.

**LARGE WHITE VOSGES.**—Roots are about 8 inches long with heavy shoulder measuring 4 inches across, narrowing abruptly to a point. It is very productive, easily pulled and carries well in storage. Particularly recommended for shallow soils. 1-4 lb. 30c; 1-2 lb. 50c; lb. 80c. Postpaid.

**GIANT WHITE BELGIAN.**—In light, rich soils the roots grow to mammoth size; length about 16 inches, growing one-quarter above ground. Color, white underground and green above. 1-4 lb. 30c; 1-2 lb. 50c; lb. 80c Postpaid.



Short White







## McDonald's Swede Turnips

For Stock, Swede Turnips have a food value which makes them one of the best crops that a farmer can raise. McDonald's seeds in Swedes are furnished by expert growers of England, Scotland and Denmark. There are many varieties, all famous for size, solidity and feeding value.

**CULTURE.**—The turnip is essentially a cold weather plant, and does best when most of its growth is made in the fall. The best soil for this crop is a friable rich, sandy loam, free from fresh manure; sod land that is newly broken is also excellent. But on old land, that is land which has been cultivated for years, the roots are apt to become wormy. The best time to sow swedes is from June 15th to the middle of July. Seed should be sown rather thickly, say 3 lbs. per acre, to allow for possible attack of flea beetle and thinning out. Sow in drills 2 feet apart, subsequently thinning so that roots will stand about a foot apart in the rows.

**McDONALD'S PERFECTA SWEDE.**—This magnificent swede is distinct from any other variety we offer. Of handsome globular shape, very symmetrical, with rich purple top. Flesh is dense and a rich yellow in color. Roots are remarkable for size, quality, hardiness and heavy cropping ability. Its keeping qualities are unsurpassed, turnips remaining sound until late in the spring. 1-4 lb. 35c; 1-2 lb. 60c; lb. \$1.00; 5 lbs. \$4.50 postpaid.

**SELECTED PRIZE ELEPHANT.**—Roots are large, tankard shaped, with relatively small neck and top; color purplish-crimson above ground, yellow below; flesh solid, fine grained and unsurpassed for feeding quality, keeping sound until late in spring. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25 postpaid.

**UNIVERSAL.**—A purple-top variety most highly recommended. Roots grow to large size; perfectly round; have very small tap roots and practically no neck. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25 postpaid.

**SHEPHERD GOLDEN GLOBE.**—A new green-top swede which has attained marked success in competition with other varieties in Denmark. Roots are of ideal roundish form; flesh solid and nutritious, possessing highest feeding value. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25 postpaid.

**HALL'S WESTBURY.**—An old-time favorite and still one of the leaders. Skin, deep reddish-purple above ground, yellow below; flesh, solid, fine grained and sweet. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25 postpaid.

**INVICTA.**—A bronze-top swede of recent introduction. The handsome globe-shaped roots are uniform in shape and size; flesh, white, solid and fine grained. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25 postpaid.

**CONQUEROR.**—A green-top swede of hardy constitution; a heavy cropper, and one of the best of the green-top class. 1-4 lb. 20c; 1-2 lb. 35c; lb. 60c; 5 lbs. \$3.25 postpaid.

**SUTTON'S MAGNUM BONUM.**—A superior purple-top swede, distinguished for its hardy constitution, handsome form, and enormous weight of roots per acre. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25 postpaid.

**SKIRVING'S PURPLE-TOP SWEDE.**—One of the old-time swedes, at present in limited demand. Also known as "King of the Swedes." 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25 postpaid.

**SUTTON'S CHAMPION.**—Has given excellent results. Roots large, purple on top; flesh yellow, tender and sweet. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25 postpaid.

**HARTLEY'S BRONZE-TOP.**—Roots are oval shaped, large and solid, having small neck and single tap root. A very heavy cropper and extremely hardy. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25 postpaid.

**KANGAROO SWEDE.**—Possesses heavy cropping features of famous Elephant, with the constitution of the best types of Green Top Swedes. Is therefore better adapted to sowing on land that lies exposed and is more backward than other sorts. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70; 5 lbs. \$3.25 postpaid.

**IMPERIAL HARDY.**—Roots nearly round; skin yellow with purple tops; flesh yellow, solid and sweet. Hardy, productive and nutritious. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25, postpaid.

## Turnips—FOR FALL AND EARLY WINTER FEEDING

**CULTURE.**—Sow from first week in July to middle of August, in drills, using 2 to 3 pounds of seed per acre.

**POMERANIAN WHITE GLOBE.**—One of the most productive sorts; in good rich soil attaining to a weight of from ten to twelve pounds. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25, postpaid.

**PURPLE-TOP WHITE GLOBE.**—A rapid growing sort, producing a greater weight per acre within a given time than any other white varieties. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25, postpaid.

**DEVONSHIRE GREYSTONE.**—A motley-topped variety which grows to an immense size and is extensively used for early feeding. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25, postpaid.

**PURPLE-TOP YELLOW ABERDEEN.**—Root is purple above and deep yellow below ground. It is hardy, productive and keeps well. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25, postpaid.

**GREEN-TOP YELLOW ABERDEEN.**—Similar in form and size to preceding sort, but has green instead of purple top. 1-4 lb. 25c; 1-2 lb. 40c; lb. 70c; 5 lbs. \$3.25, postpaid.

**RED-TOP STRAP LEAF.**—Of quick growth, maturing in from eight to nine weeks. One of the very best for late sowing. Roots are of medium size, flat, dark red above ground and white below; flesh white, sweet and fine grained. 1-4 lb. 50c; 1-2 lb. 80c; lb. \$1.50; postpaid.

**WHITE NORFOLK.**—Skin is white and smooth, leaves, large and green; flesh, white and of good quality. Many of our French patrons prefer this to all others, it being known to them as "Rabiole"; 1-4 lb. 30c; 1-2 lb. 50c; lb. 90c., postpaid.





WHEN Field Root Seeds  
are ordered via Freight  
or Express, deduct 10c. from  
1 lb. price or 25c. from 5 lb.  
price.

## Mangels and Sugar Beets

It is highly important that your root crops should be not only heavy in yield but of the finest quality, of greatest food value to your stock. For that reason you cannot be too careful in selecting your seeds so as to ensure best results. Ours are produced from the finest pedigreed strains by skilful growers and will give excellent satisfaction when planted in suitable, well prepared soil.

**McDONALD'S SELECTED MAMMOTH LONG RED.**—An extra selected strain of the popular Mammoth Long Red Mangel. Grows to immense size; is remarkable for handsome, thick, uniform shape. Flesh is deep-colored red, and of very fine texture and quality. Produces heavy tonnage. 1-4 lb. 20c; 1-2 lb. 35c; 5 lbs. \$2.50, postpaid.

**DANISH SLUDSTRUP.**—It is a reddish-yellow root, not so long as Mammoth Long Red, and contains a larger percentage of nutriment than any other mangel. Very hardy, grow well above ground and are easily pulled. Sludstrup has been awarded several First Class Certificates by the Danish Government. 1-4 lb. 20c; 1-2 lb. 35c; 5 lbs. \$2.50, postpaid.

**GIANT YELLOW INTERMEDIATE.**—An improved type. Roots are of magnificent form and size; larger and heavier than Yellow Intermediate; smooth, even in shape, growing half above ground. Flesh is white, firm and sweet. An excellent keeper that produces enormous crops. Recommended for gravelly, shallow and light soils. 1-4 lb. 20c; 1-2 lb. 35c; 5 lbs. \$2.50, postpaid.

**GOLDEN TANKARD.**—A distinct and valuable yellow-fleshed variety which contains a large percentage of saccharine and nutritive matter. Highly regarded for its superior milk-producing qualities. Is a deep rich yellow; flesh firm and solid. Enormous crops that are easily harvested. 1-4 lb. 20c; 1-2 lb. 35c; 5 lbs. \$2.50, postpaid.

**YELLOW GLOBE.**—This globe-shaped variety produces bulbs of large size. Skin is deep orange-yellow; flesh, white, of excellent quality and free from coarseness. Roots grow two-thirds above ground, a feature which makes it very desirable for shallow soils. 1-4 lb. 20c; 1-2 lb. 35c; 5 lbs. \$2.50, postpaid.

**ECKENDORFER RED.**—A magnificent root of cylindrical form closely resembling Tankard, growing largely above the surface; is therefore easily lifted. Yields heavy crops of large, clean, uniform roots, which are of best feeding quality. 1-4 lb. 20c; 1-2 lb. 35c; 5 lbs. \$2.50, postpaid.

All Dairymen should  
grow Giant Half Sugar



Eckendorfer Red

## Nutritious Sugar Beets

**GIANT HALF SUGAR.**—Also known as Royal Giant Sugar Beet. Combines bulk of the Mangel with desirable quality of the Sugar Beet. While yielding almost as great a bulk as the Mangel it supplies a food of greater value, flesh being rich and nutritious. For feeding more valuable, pound for pound, than any of the older sorts of Sugar Beet, while the yield is very much greater. Root is oval, bright rose above and white below. As they grow well above the surface can be lifted for storage more easily than any of the deeper growing sorts. 1-4 lb. 20c; 1-2 lb. 35c; 5 lbs. \$2.50, postpaid.

**IMPROVED DANISH SUGAR BEET.**—A favorite variety and extensively used for stock feeding. Roots grow to a large size, are heavy, rich in sugar, hence of superior value for dairy cattle, promoting an increased flow of milk. Skin shaded or flushed with pink. 1-4 lb. 20c; 1-2 lb. 35c; 5 lbs. \$2.50, postpaid.

**RED TOP SILESIAN.**—Combines with heavy yield a good percentage of sugar. 1-4 lb. 20c; 1-2 lb. 35c; 5 lbs. \$2.50, postpaid.

## Artichoke Roots

WILL PRODUCE MORE HOG FOOD PER ACRE THAN ANY OTHER CROP

There is no better food to build up large, healthy frames with plenty of bone and muscle. Hogs will not only grow but will produce great weight in a comparatively short time when fed on Artichokes. No other crop will give as good returns at anything like the cost. Even the harvesting is avoided by giving the hogs a chance to root them out for themselves. Artichokes need planting but once and little or no culture after the first year. Cut as potatoes only smaller; plant in rows three and one-half feet apart. Price \$2.00 per bushel.



## Forage and Fodder Plants

Here is a list of plants which will supplement your regular forage fodder crop for stock feeding. They are all of high food value and will produce enormous quantities of rich, nutritious food even in the driest of seasons.

### Improved Dwarf Essex Rape

An Ideal Feed for Sheep and Hogs

A forage plant of great merit and of special value for the pasture of sheep and hogs. It is easily grown, perfectly hardy and adapted to almost all sections of Canada. It is an annual, bearing a close resemblance in leaf and stalk to the Ruta Baga, but leaves and stalks are more numerous, of ranker growth, and provides an abundance of rich succulent green feed at a season of the year when it is most needed. One acre will yield from ten to fifteen tons of excellent green feed, or will supply sufficient pasture for from ten to twenty sheep for a period of two months. The seed may be sown any time from June to August; broadcast, at the rate of 5 lbs. per acre, or if sown in drills 3 lbs. to the acre, allowing the drills to stand from 2 to 2½ feet apart, to permit of cultivation until the plants have become well developed. If not eaten too bare, its broad foliage enables it to smother the weeds; and by judicious grazing it will last throughout the season, and leave the land in good clean condition. Price: Improved Dwarf Essex Rape (True English Grown Stock), lb. postpaid, 40c; by express or freight, lb. 30c; 5 lbs. and upwards, 25c per lb. We have also the cheaper article in Dwarf Essex Rape, if wanted.

### Thousand Headed Kale

Greedily Eaten by Hogs, Cattle and Sheep.

Belongs to the cabbage family. The plant grows to a height of three or four feet and is so covered with small whorls of leaves, hence the name, "Thousand-Headed Kale." It grows quickly, branching out from the bottom, and will continue to grow with increasing rapidity after being fed off. This plant is perfectly hardy and will do well on almost any good soil. The seed should be sown in drills 2½ feet apart, later thinning the plants to stand from 16 to 18 inches apart in the rows. Sow from 1½ to 2 lbs. of seed per acre, lb., postpaid \$1.00; by express or freight, lb. 90c; 5 lbs. and upwards, 85c. per lb.

### Sand, Winter or Hairy Vetch

A Valuable Forage Plant. A Marvel to all who grow it.

This great forage, soiling and seed producing plant is a legume, and gathers nitrogen from the air, making it one of the most useful soiling crops for poor or worn out lands. It is hardy and thrives on sandy soil too poor for clover. The vines are similar to those of the pea, but more slender and thickly clad with leaves and side stems, which furnish a choice quality of nice succulent feed, which is greatly relished by hogs, sheep and cattle. While an annual, it re-seeds itself, coming up year after year on the same ground. The seed is black and perfectly round, and should be sown at the rate of 40 to 50 lbs. with ½ bushel of Barley, Oats or Rye. Lb. postpaid, 40c; by express or freight, lb., 30c; 5 lbs. and upwards, 25c. per lb.

### Early Soy Beans

valuable leguminous plant, and one of the greatest soil enrichers. In food value it is equal to alfalfa. The hay is sweet and palatable and when properly cured is greatly relished by all stock. Plant any time after corn planting time in drills 2½ to 3 feet apart, dropping beans 3 inches apart in the row. Sow ½ bushel per acre in drills, or 1 bushel if sown broadcast. The fodder is cured much the same as clover hay, and should be cut before the pods are entirely ripe, or when the top leaves begin to turn yellow. Three to five days good weather is ample for making hay. Prevent loss of leaves, as these are the most valuable part of the plant, except the pods.

Weight 60-lbs. per bushel. Lb., postpaid, 35c; by express or freight, lb., 20c; 10-lbs. \$1.75; 100-lbs. \$13.50.

### Mammoth Russian Sunflower

A Splendid Food for Poultry

This is the largest Sunflower, and produces more seeds than any other. Being very rich in oil, the seed is one of the most nutritious poultry foods, and a natural tonic and egg-producer.

For moulting hens it is unequalled, as it keeps them healthy and active, and they soon regain a bright, lustrous plumage and a normal yield of eggs. Lb., postpaid, 35c; by express or freight, lb. 25c; 5 lbs. and upwards 20c. per lb.

### Vetches or Tares

This productive and nutritious legume makes splendid green feed, which is greatly relished by all stock, and can be fed with perfect safety. It is quite early and furnishes an abundance of feed before other spring sown crops are ready to use as pasture or hay. Sow broadcast from 1 to 1½ bushels per acre; if sown with oats use 50 lbs. of vetches and 1 bushel of oats per acre. Much used in orchards as a soil renovator. Lb., postpaid, 30c; by express or freight, Gal., 75c; peck, \$1.25; bush. (60-lbs.), \$4.25.

### Teosinte

A Green Feed that is Invaluable.

Produces a large quantity of forage which is most valuable as a green feed, being exceedingly tender, sweet and juicy. Greedily eaten by stock. Leaves larger than those of corn; can be cut off for green forage at any stage of the growth. If cut above second base joint will sprout quickly into fresh growth. Sow in drills at same time as corn, from 3 to 4 feet apart, plants one foot apart. Price: lb. 90c; postpaid, lb. \$1.00; 1-4 lb. 35c.

### Cow Peas (Whip-Poor-Will)

Rivals Clover as a Soil Enricher.

While the stalks and leaves in green state make excellent fodder, its special merit lies in reclaiming poor and worn-out soils. As soil renovators and enrichers, Cow Peas have few equals, as they collect nitrogen from the air and assimilate it with the soil, thus increasing its productive power at trifling cost. Poor, sandy and worn-out soils may be restored to full fertility by ploughing under one or more crops of Cow Peas. Sow at corn planting time, at the rate of from 1 to 1½ bushels per acre. Lb., postpaid, 30c; 10-lbs. \$1.35; 100-lbs. \$10.00.



Spring Vetch



Cow Peas—Whip-Poor-Will



## Hungarian Grass and Millets

**HUNGARIAN GRASS.**—An excellent forage plant, on account of speedy growth and ability to yield a fine crop in a short season. Frequently sown as a catch crop; will produce good results if sown up to July first. Less rank in growth than millets; adapted to light soil. Sow from  $\frac{1}{2}$  to  $\frac{3}{4}$  bushels to the acre; weight per bushel 48 lbs. 10 lbs. \$1.00; 100 lbs. \$7.50.

**COMMON MILLET.**—Similar to Hungarian in season and manner of growth; height from 2 to 3 feet; foliage broad and abundant. 10 lbs. \$1.00; 100 lbs. \$6.00.

**GOLDEN MILLET.**—Grows 4 to 5 feet high, and is one of the best varieties for hay, being sweet, palatable and milk producing if cut when in full bloom. Cows, horses and other farm stock eat it greedily and thrive well on it. 10 lbs. \$1.00; 100 lbs. \$7.50.

**SIBERIAN MILLET.**—About two weeks earlier than Golden Millet, very prolific, and yields a magnificent crop of hay in about 70 days from sowing. It grows about 4 feet high and is highly nutritious and greatly relished by all kinds of stock. 10 lbs. \$1.00; 100 lbs. \$6.50.

**HOG MILLET.**—This variety is grown principally for its enormous crop of seed which makes splendid feed for poultry, hogs and other stock. It will yield 60 bushels or more per acre and the seed is of the highest food value. 10 lbs. \$1.00; 100 lbs. \$6.00.



Millet

## Japanese Millet

YIELDS A GOOD HAY CROP IN TEN WEEKS

Japanese Millet is a rapid growing forage and ensilage plant which grows six to eight feet high and yields 12 to 15 tons of green fodder per acre. It can be cut and fed in green state until seed begins to ripen and makes excellent hay if cut when coming into bloom. For cows it is highly nutritious, greedily eaten, and invariably increases the flow of milk. Sow 12 lbs. per acre in drills or, if sown broadcast use from 20 to 25 lbs. per acre. 10 lbs. \$1.25; 100 lbs. \$10.00.

## Sorghum or Early Amber Sugar Cane

The great value of Sorghum as a farm crop cannot be over estimated. It is a dry weather plant and will grow and make an abundance of valuable feed during dry seasons when other crops perish. It is greedily eaten by all stock, being sweet, tender and very nutritious. Dairymen find that it increases the flow and quality of the milk, and keeps the cattle in fine condition. The seed is a profitable crop for feeding poultry. Sow 15 pounds per acre in drills and cultivate same as corn. 10 lbs. \$1.00; 100 lbs. \$8.50.



Kaffir Corn

## Kaffir Corn

One of the best varieties of the Sorghum making excellent fodder whether in green or dry state. Weather conditions seem to have little effect on it, as it grows right along whether dry or wet. Plants grow straight and upright until six feet high and being very strong they seldom blow down. The stems produce numerous wide leaves and do not harden like other fodder crops but keep green, brittle and juicy. The grain is highly valuable as poultry food. Sow in drills at the rate of 30 lbs. per acre and cultivate like ordinary corn. 10 lbs. \$1.00; 100 lbs. \$8.50.

## Speltz or Emmer

Has been grown in Canada for several years past. A native of Russia, and partakes somewhat of the value of both wheat and barley. It is adapted to a diversity of soils and produces heavy yield wherever grown. In fact Speltz will produce more heavily than either oats or barley. As to cultivation, it is probably the least exacting of all cereals and is not susceptible to rust, smut or diseases, will stand more dry weather than any other of the grain crops. Sow in spring 2 bushels per acre. Weight 40 lbs. per bushel. Lb. postpaid, 25c. Write for quantity quotation.



Japanese Millet

## Sudan Grass

Annual of quick growth. First crop ready to cut fifty to seventy days after planting. Stools freely, fifty and more stems sometimes from one seed. When seeded broadcast it averages three to five feet in height, with stems size of a pencil; or when sown in drills and cultivated, from six to nine feet. On account of rapid growth and excellent forage, particularly recommended as a catch crop. Successfully grown on almost any soil, doing best on a rich loam. Prepare ground as for corn. As a catch crop can be sown as late as July 1st. When sown in drills use five pounds per acre, at depth of one-half to one inch, or broadcast at rate of twenty pounds. Seed scarce this season. Pkt. 10c; lb. 40c, postpaid; by express or freight, lb. 30c; 5 lbs. and upwards 28c per lb.

## Broom Corn

### Improved Evergreen

This is the best of all broom corns and produces a very fine, bright green brush. Can be grown in good corn land and requires very much the same treatment. Should not be planted until ground is quite warm. It requires about three months to produce a crop. Seed should be sown in drills three feet apart and at the rate of five pounds of seed per acre, later thinning plants to stand about three inches apart in the row. The crop should be cut when seed is in milk state. If allowed to ripen it will change from its bright green color to a reddish tinge which considerably reduces the value of the brush. Price: Lb. postpaid, 30c. Write for quantity quotations.





## ALSASMAN

### A Splendid New Oat

This magnificent Oat is surely destined to a big place among the farming community of Canada. It was introduced a few years ago into the Canadian West by one of the experimental stations. Since that time great care has been used in breeding and selection of the seed. In habit of growth, maturity and general appearance it is similar to Banner, although the sample is always better. Yields are unusually heavy; heads are large and borne on a stiff, bright straw. The berry is long but plump, heavy and bright, making it a very attractive grain. For both market and feeding there is no better oat grown. Farmers who have been growing the Alsasman are most enthusiastic in its praise, and pronounce it the best oat they have ever grown. One hundred bushels per acre is by no means unusual. The Alsasman is worth your serious consideration. A slight increase in yield will pay for the seed, and **THE USUAL INCREASE FROM THIS VARIETY WILL PAY FOR IT SEVERAL TIMES OVER.** This is a really good oat—an oat of outstanding merit—one that will please you greatly. Don't miss it. Price: By mail, postpaid, lb. 30c; 3 lbs. 60c. By freight, bush., \$2.00; 10 bushels and upward, \$1.85 per bushel. Jute sacks, containing 3 bushels, extra at 25c each.







A Good Crop of Banner Oats

## SEED GRAINS

At date of printing this catalogue, there exists a good deal of uncertainty as to supply of Seed Grain. We have therefore considered it advisable to omit prices. A Special Red Figure Price List will be issued at earliest possible date. A copy will be sent on request.

### Victory Oats

Victory is a stiff-strawed oat of medium height and remarkable yielding qualities. Spikelets are usually two kernelled; of medium size, and glumes relatively small and short. Shoots are abundant and the development in the field strikingly regular. Yield highest of all white oats. Grain of medium size, short, plump, and beardless or very slightly bearded. Does best on clayey and humid soils. Our stock is Canadian grown and thoroughly acclimatized. Write for Prices.

### Garton's Abundance Oats

Yield unusually large, surpassing ordinary varieties by 20 per cent. Straw is stiff and strong; heads branching or spreading; kernels while short are very plump and numerous with a thin hull. Write for Prices.

### Swedish Conqueror Oats

Large, broad, plump, thick-skinned. Panicle is short, quite small, with very stiff branches. Spikelets tend to be three-flowered, grains firmly set and do not fall off. Medium early. Yield is one of greatest known. Write for Prices.

### Gold Rain Oats

A very early and extremely productive oat. The grain though relatively small, is broad, very full, and has a remarkably thin hull of a light yellow in color. The straw is not only sufficiently strong to withstand roughest weather, but is also of very fine quality, making it one of the best for feeding. "Gold Rain" is in no way exacting as to soil. In fact, it has the highest record of any oat in cultivation on light or poor oat-lands.

Mr. Donald A. S. Bell, of Manitoba, from whom we obtained a portion of our seed stock, won first prize for "Gold Rain" at the International Soil Products Exhibition, Kansas City, in 1918; also, first at the National Soil Products Exhibition, Winnipeg, February, 1919. Mr. Bell, in commenting on this variety says, "Seed which I sold the Manitoba Agricultural College, Winnipeg, yielded 110 bushels per acre in official test." It will therefore be seen that "Gold Rain" is an oat of outstanding merit, and one which has already proved a winner. Write for Price.

### American Banner Oats

American Banner is a favorite with many growers and has always given excellent satisfaction, both as to yield and quality of grain. A feature is its adaptability to a wider range of soils than almost any other oat. Grain is heavy and of fine feeding quality; straw strong and stiff and not inclined to lodge or fall down. Write for Prices.

### O. A. C. No. 72 Oats

A splendid new white oat, originated by the Experimental Farm at Guelph, and which has proved one of the best yielding varieties. It has the thinnest hull of any oat on our list which increases the feeding quality very much. At the Ontario Agricultural College it has averaged a yield of 90 bushels per acre. The stiff straw is free from rust, and stands up well.

**DO NOT FORGET**  
to add 60c. each for all cotton bags required for shipment of grain, corn, clover, grass and other heavy seeds.

### Improved 20th Century Oats

The earliest white oat in general cultivation. Grains are plump, solid, heavily meated and covered with a thin hull, which makes it the very best for feeding or commercial purposes. Like American Banner, it adapts itself to a diversity of soils. Straw stiff strong, and not inclined to rust or smut. Root system is well developed, making plants hardy and most capable of resisting drought. Our supply weighs 45 lbs. to the measured bushel. Write for Price.

### Buckwheat

**SILVER HULL.**—Has a small, plump silvery-gray grain with thin hull. Makes whiter, more nutritious flour than common gray or black variety, continues to bloom longer and produces larger crop. Fine for honey bees. Write for Price.

**JAPANESE.**—Of stronger growth than common buckwheat and resists drought and blight much better. Grain a rich, dark brown, twice the size of Silver Hull, and ripens a week earlier than other sorts. Write for Price.





## Barley

**O. A. C. No. 21.**—This famous Mandscheuri has superseded all varieties of six-rowed barley, being earlier, more vigorous, larger in yield. Straw strong, stiff, and seldom lodges. Heads long and well filled; grain plump and of best quality. Write for Price.

**MANDSCHEURI.**—One of the most productive of the six-rowed sorts; strong root formation and large stiff straw. Write for Price.

**CANADIAN SIX-ROWED.**—Old-time six-rowed Barley. Extensively grown, but not recommended in comparison with the first-named sorts. Write for Price.

**DUCKBILL. Two-Rowed.**—Matures later than six-rowed varieties, and for this reason is in demand for sowing with oats and other grain. Owing to large and plump appearance commands higher price for malting purposes. Write for Price.

**IMPROVED BLACK HULLESS.**—An immense cropper, yielding more weight per acre than any of the white seeded varieties. Highly recommended for grinding and for feeding hogs. Grain is black and resembles the two-rowed in shape and size. Write for Price.

## Spring Wheat

**MARQUIS.**—Valuable on account of its extreme earliness and ability to outyield other varieties. Compared with Red Fife, berries are shorter, plumper, more deeply creased and colored; desirable for miller's use. Also from a week to ten days earlier, and shows average increase in yield of five to ten bushels per acre. Heads of same beardless character; straw strong, excellent, and not inclined to lodge, rust or smut. Some record yields stand to its credit. Write for Price.

**WHITE FIFE (Bald).**—Similar to Red Fife, but white. Claimed to give greater yields in certain districts. Write for Price.

**RED FIFE (Bald).**—Prized for its excellent milling qualities. Write for Price.

**WHITE RUSSIAN (Bald).**—While not possessing as desirable a milling quality as the Fifes, this lack is made up in greater yield. Write for Price.

**COLORADO (Bearded).**—A large, plump-berried soft wheat possessing splendid yielding qualities. While not extensively grown, a marked preference is shown for it by some growers. Write for Price.

**WILD GOOSE (Bearded).**—Possesses very little flour substance, and is of no value for milling. Merit lies in heavy yielding ability and desirability for feed and the making of macaroni. Write for Price.

## Field Beans

**WHITE PEA.**—A popular sort, extensively grown; none more desirable for cooking and baking. Write for Price.

**MEDIUM WHITE or NAVY.**—Standard white medium sort; well known everywhere. Write for Price.

**SULPHUR or CALIFORNIA YELLOW.**—Of finest cooking quality; a very profitable sort to grow. Write for Price.

## Field Peas

**THE ARTHUR PEA.**—A new pea originated by Dr. Saunders, of Central Experimental Farm, Ottawa. Seed of medium size, white, height of straw about 4 feet, earliest of all field peas and one of the heaviest yielding. Write for Price.

**CANADIAN BEAUTY.**—Best of large seeded sorts.

**CONCORDIA.**—An excellent Swedish variety of Blue Pea possessing heavy yielding qualities. Plant of medium height, strong and unusually hardy. Write for Price.

**GOLDEN VINE.**—Has been more generally grown than any other for years past. It is early, of vigorous growth and highly productive. Vines from 3½ to 4 feet. Write for Price.

## Spring Rye

Quite distinct from Winter Rye and greatly valued by many. Matures a crop in 105 days; straw from 4½ to 5 feet; yield fully equal to Winter Rye. Sow 1½ bushels per acre. Write for Price.



Marquis Wheat



# Two of Our Leading Specialties

## McDonald's Improved Special Leaming

This is a corn you can "bank-on" year in and year out. It's full of life, possessing a remarkable constitution, growing from start to finish just the way you like to have corn grow. It has been developed and improved through years of continuous selection for earliness, vigor and heavy yielding qualities by one of the most famous corn breeders on the American continent. We would ask you not to confuse our selection with so called "Improved Leaming," because there's frequently as much difference between them as there is between success and failure. In short, it's the very best corn we have ever known of for silo use. Price: Bushel, \$3.25; 5 bushels and upwards, \$3.10 per bushel.

## McDonald's "Gold Medal" Alfalfa

"Gold Medal Alfalfa" will be found perfectly hardy. It has been grown and produced in the province of Ontario, and is acclimated to the severity of our winters. It costs something more to buy seed of this description, but it surely pays to eliminate the chance of disappointment which so often follows the result of winter-killing. This seed while a No. 1 for purity, will not always grade a Standard No. 1, because of slight discoloration, which is characteristic of its hardiness. Price: Per lb., 70c; per 100 lbs., \$65.00.



McDONALD'S NORTHERN  
GROWN HARDY ALFALFA

McDONALD'S SPECIAL  
IMPROVED LEAMING





A Field of McDonald's Improved Special Leaming

## Seed Corn BRED TO GROW BIG CROPS

**T**HERE'S no crop that depends more largely on the quality of the seed stock than that of corn. This is so very apparent that it's hard to understand how any grower can afford to take a chance on anything but the finest selection obtainable. Yes, there's a vast difference between the crop producing results of corn ordinarily sold for seed, and corn which has been bred and selected for seed, to the extent that the better quality will produce under equal conditions anywhere from 25 to 100 per cent more crop, and the crop too will be of better general quality. It therefore stands to reason that, if an advance of from 25c to 50c per acre in the cost of seed, will secure a quality of seed corn to produce a much larger yield and of better feeding quality, with no greater labor or expense for cultivation, that a saving in the cost of seed is surely the poorest kind of economy.

The seed corn we offer is bred and grown for us under special contract by men of long experience—men, who have specialized and made the breeding and selection of seed corn a life long study. It therefore goes almost without saying that corn of this class commands a substantial premium over and above the price at which ordinary seed corn is supplied. Please bear in mind that the seed corn we offer is something more than corn—ordinary seed corn, because it possesses inherent qualities, which has been brought about through process of selection and scientific breeding which makes it the best possible investment for the man who can appreciate the importance and value of a good crop.

## McDonald's Improved Special Leaming

A Corn you can "Bank On." For Silo.

The ability of McDonald's Special Leaming to mature early and produce record yields is due entirely to its breeding and selection. Stockmen who feed from the silo are loud in its praise both as to quality of silage and the enormous crops it will produce. In a word, it is an ideal silo corn. The stalks grow to a height of from 10 to 12 feet and are short-jointed, very leafy and well eared. The ears are of medium size, about 8 to 10 inches in length, cob red and small with large deep grains of a reddish golden yellow. Has received special recognition on different occasions in field competitions for the amount of foliage and ensilage produced.

Price, bushel \$3.25; 10 bushels and upwards, \$3.10 per bush.

### ABOUT PRICES

Future values are too uncertain at date of issue to give prices.

Please write for our Special Red Figure Price List, issued at frequent intervals.

## Clark's Mammoth Red Dent

This corn we believe is destined to take a foremost place with Canadian growers in the very near future. In comparison with Improved Leaming, it has larger and more vigorous stalks. It also grows more and larger foliage with fine large ears ripening in from 90 to 95 days from date of planting. We are not prepared this season to offer in large quantities, but because of the confidence we have in its ability to please customers, we would recommend it more for trial, feeling sure that all who grow it will be ready for a larger planting another year when we expect to have a supply for the larger demand. Write for Prices.

## Golden Glow or Wisconsin No. 12

Widely popular and justly so on account of its heavy yield of both ears and leaves making most nutritious fodder. It is one of the earliest yellow dents grown and particularly adapted to northern conditions. The stalks attain to a height of from 8 to 10 feet; ears are of handsome appearance with from 16 to 20 rows of rich yellow, wedge-shaped kernels packed closely from butt to tip on a red cob. Write for Prices.





Longfellow

## White Cap Yellow Dent

Extensively grown and considered by many to be one of the most dependable yielders. While on good rich land the yield will be proportionately greater, it adapts itself in a remarkable way to thin or light soils, and will thrive and produce a good crop where other sorts would be almost sure to fail. It is of vigorous growth and produces an abundance of fodder besides a good yield of medium sized ears. In the ear the grain is almost white but when shelled it is an amber yellow. Under favorable condition of growth it will mature in from 90 to 100 days. Write for Prices.

## Wisconsin No. 7

The earliest of all white dents, and remarkable for its large yields, surpassing all other varieties of white corn. It was introduced by the Agricultural College of Wisconsin some six or seven years ago, and has since found its way into all corn producing sections of Ontario with gratifying results. The root system is strong and well developed; stalks close jointed and producing foliage well to the ground; ears, uniform in shape and size. There is an increasing demand for Wisconsin No. 7, and it is a sort you can plant for fodder or silo use without any fear of disappointment. Write for Prices.

**MINNESOTA KING.**—One of the most valuable for growing in Northern sections as it possesses a remarkably healthy and vigorous constitution, enabling it to withstand all extremes in the weather. Ears are of medium size with eight rows of broad yellow kernels, half way between Flint and Dent. It matures a week earlier than any of the Dent sorts and is just the corn for wet, cold seasons. Write for Prices.

**MAMMOTH CUBAN YELLOW.**—An exceedingly vigorous and rapid grower, short-jointed; produces much foliage, which is broad, heavy and of finest milk-producing quality; nearly as tender and sweet as the sugar varieties. Write for Prices.

**CLARK'S EARLY MASTODON.**—A yellow dent of rapid growth and large yielding ability. While stalks are of medium height, foliage is abundant; leaves broad, thick and succulent. Ears of unusually large size. Write for Prices.

**LEAMING FODDER.**—Extensively used for green and dry fodder, but too late in maturing to produce a sufficiency of cobs to make it equal to Improved Leaming for silo purposes. Write for Prices.

**MAMMOTH SOUTHERN SWEET or PARAGON WHITE.**—Is always in demand owing to its ability to yield enormous crops of remarkably sweet and nutritious fodder, particularly good for feeding in its green state. Write for Prices.

**RED COB SELECTED.**—An old-time favorite with large close-jointed stalks, producing an abundance of fodder, which is sweet, tender, juicy and much liked for either green or dry feed. Write for Prices.

## Evergreen Sweet Fodder

This is the sweetest and most palatable of all corns for forage. It is richer, more tender and contains a larger percentage of saccharine matter than any of the other varieties. If you have never grown Evergreen Sweet Fodder, try it for once. We believe when you once know its desirable quality, you will continue its use. Write for Prices.

## Flint Varieties

Flint Corn is always in good demand, particularly for sections where the season is too short to mature many of the dent varieties. The different types vary somewhat in earliness and yield but all seem to possess the ability to mature a good crop of corn.

**LONGFELLOW (95 days).**—This is without doubt the most popular of the flint sorts. It is 8-rowed of the Canada type and very early; stalks grow from 8 to 9 feet; ears from 10 to 12 inches and well filled with large, broad glossy-yellow kernels. A splendid corn in every respect. Write for Prices.

**COMPTON'S EARLY.**—Very similar to Longfellow in growth and maturity but instead of eight rows there are twelve rows on the cob. Write for Prices.

**ANGEL OF MIDNIGHT.**—An extra early, eight rowed yellow Flint corn. Ears are long, straight and evenly filled from butt to tip with rich, golden-yellow kernels of medium size. Write for Prices.

**IMPROVED KING PHILIP.**—Extremely early and unusually hardy, and one which can be relied upon to produce a good crop. The stalks grow from 7 to 8 feet; ears 8-rowed, and the kernels a deep glossy-red in color. Write for Prices.

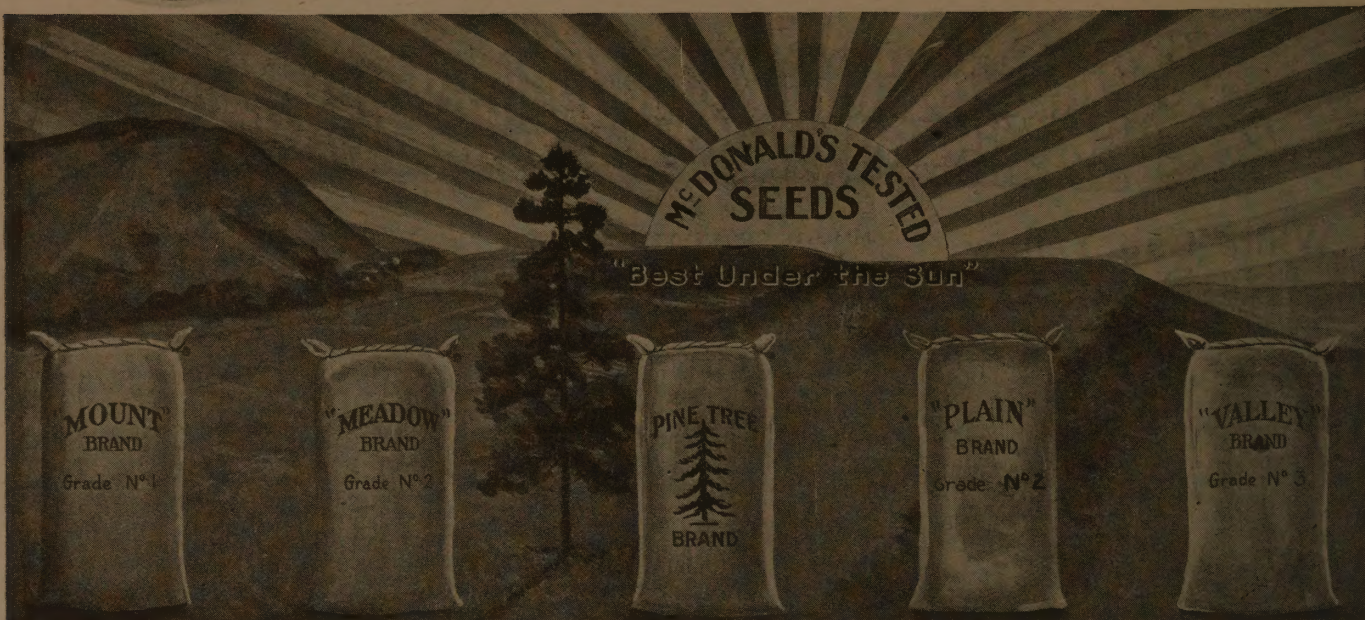
**SANFORD WHITE FLINT.**—Not only does this corn produce a large crop of fodder, but also a generous yield of long handsome ears, measuring from 12 to 15 inches. Plant is of strong vigorous growth, and the stalks and leaves of most desirable ensilage quality. Write for Prices.

**NORTH DAKOTA WHITE FLINT.**—A valuable sort, and highly esteemed by many growers because of the leafy character of the close jointed stalks. Ears are of large size; kernels broad, and the grain of a dusky white color. Yields enormous crops. Write for Prices.



A Field of Selected Red Cob





## Grass and Clover Seed



Red Clover

During the past three or four years all meat and dairy products have commanded an unusually high price, and as a result more intelligent thought has been given to the raising of cattle and general farm stock than ever before. The best breeds of cattle, sheep and hogs obtainable have been secured, almost regardless of cost, in order to bring the stock to the highest degree of efficiency, which is surely to be commended as a move in the right direction. It may be said, however, that if the improvement of stock is important, the feed on which they exist and thrive, cannot be of any less importance. Yes, it surely follows that good pastures and meadows are an essential foundation for all successful dairy and stock farming. The more grass that is grown the greater the number of cows and cattle that can be fed. No other crop is so necessary to the sustenance of farm stock, and in no other way can soil fertility and soil moisture be so easily maintained as by the proper sowing of Grass and Clover Seed. It matters not how large a variety of forage or fodder plants you grow, you cannot replace a good pasture or meadow, for not any of them contain such nourishing and milk-producing elements as a good combination of grasses and clovers.

### ABOUT PRICES

Future values are too uncertain at date of issue to give prices.

Please write for our Special Red Figure Price List, issued at frequent intervals.

## Clovers

The supply of Red and Alsike Clover is extremely short this year, and prices are changing almost daily, so that we are unable to quote prices which will be invariable. We would therefore suggest that you write us for prices before buying, otherwise, we will ship seed to full value of the money sent on day order is received.

**EARLY or MEDIUM RED.**—This is the most important of all clovers and the standard everywhere for hay and pasture. It is known as Common Red or June Clover in many sections. Write for Prices.

**MAMMOTH LATE RED.**—Of taller and ranker growth than the preceding sort. Valuable for restoring fertility to depleted soils. The foliage, flower and stem are darker in color than the Early Red. It ripens later and makes only one crop. Write for Prices.

**ALSIKE CLOVER.**—A valuable sort resembling Red Clover in growth, but less rank and of finer feeding quality. It is a perennial and undoubtedly the hardiest of all clovers, adapting itself to low lands which are even cold and wet. The hay is finer and of better feeding quality than any other which makes it of special value for sowing with timothy. Write for Prices.

**CRIMSON CLOVER.**—An annual and a native of Italy. While not in large demand its chief use is for adding fertility to the soil by ploughing under. Also provides an abundance of green foliage which if cut while in bloom makes a very fair quality of hay. The seed resembles Millet in appearance. Sow 15 to 20 pounds of seed per acre. Write for Prices.

**WHITE DUTCH CLOVER.**—A small spreading perennial found in most good pastures. Too small to grow for hay but invaluable in pasture and lawn mixtures. Write for Prices.

## Timothy Seed

Timothy takes first place among all grasses as a hay plant and is adapted to a wider range of conditions than any other variety. Every farmer is acquainted with timothy and appreciates its great value as a permanent meadow. Timothy Seed has been for many years a leading specialty with us. Our motto has never been "How Cheap," but always, "How Good."

We call special attention to our two leading brands:

### Mount

Grade No. 1

### Meadow

Grade No. 2

Our aim is to supply under these brands the very best seed obtainable in their respective classes. Do not confuse "Meadow," with the general run of No. 2 seed. Before we consider a No. 2 good enough to be sold under this brand, it must be practically free from all noxious weed seeds. In other words it must grade a No. 1 for purity, and it is because of its high standard of purity and general quality that the demand is constantly increasing from year to year for Meadow Brand Timothy. When you buy this quality of seed, you can do so with every confidence, knowing that you are sowing timothy seed that is dependable in every respect and is quite equal to the best for crop-producing results.

**MOUNT BRAND.**—An extra select bright seed of purest quality and uniform grade. Always represents the very highest quality it is possible for us to obtain in any one season. We recommend "Mount" to all patrons desiring a strictly No. 1 seed. All bags containing this brand are stencilled, "Mount" and sent out under seal only. Write for Prices.



# ALFALFA

"Enriches the farm—and the farmer"

Alfalfa is undeniably the Queen of Fodder Crops. It is hardy, quick-growing and productive. Drought, heat or cold will not kill it when well established.

It furnishes more green fodder, more pasturage, and more dry hay per acre, than any other known variety of grass or clover. Its food value is fully equal, pound for pound, to the best wheat bran in producing pork, milk, or beef. Any well-drained land that will give a good catch of clover will grow Alfalfa.

There is no mystery about its culture. Get the soil in good garden condition by deep plowing, rolling and disking. Most soils will grow Alfalfa without inoculation but if bacteria is necessary it can be supplied by spreading soil from an established alfalfa or sweet clover field at the rate of from 300 to 400 pounds per acre. Commercial cultures of bacteria are also very successful. In this section of Canada alfalfa is usually sown in spring using 20 lbs. of seed per acre. Nurse crops are seldom used but millet, fall rye, or oats are useful for this purpose if considered necessary.

**NOTE.**—We recommend the use of the finest procurable strains, but we can supply lower priced Alfalfa if necessary. Write for quotations, stating requirements.

## Timothy Seed

**MEADOW BRAND.**—A high grade No. 2 seed showing an average purity of 99½%. It is, however, slightly hulled, and for this reason somewhat off in color, which does not permit of our offering it as a No. 1 grade. Sold year after year to many of the best farmers as they consider it a serviceable and desirable grade for both purity and crop-growing results. We have no hesitation in recommending our "Meadow" brand as a thoroughly reliable quality. Write for price.

**"PINE TREE" BRAND.**—We offer in "Pine Tree" a good dependable seed at a moderate price. While not a fancy grade, it is just of that nice middle quality which makes it desirable to the man who studies economy, with an eye to purity and strong germination. Write for price.

### "PLAIN" BRAND AND "VALLEY" BRAND

Both lower grade qualities than the above and offered to supply a demand from some sections where low price is frequently an important consideration. We always advise the purchase of better grades

**GRIMM ALFALFA.**—Famous the world over as the hardest strain of alfalfa in cultivation. The large underground root stocks are of branching habit and the buds are protected by the soil and crown in such a way as to withstand severe winter weather without a snow covering. The underground buds come up between the crowns and thus increase the stand and consequent yield. We offer a limited quantity of seed of the true Grimm strain. Lb., postpaid, \$1.00. Write for price for larger quantities.

**AMERICAN GROWN ALFALFA.**—Fully ninety percent of the Alfalfa offered in Canada at the present time is American grown. While we do not recommend this as equal to Grimm or to our Gold Medal brand for hardiness, it is nevertheless in very extensive demand. We have secured a supply of particularly choice seed. Write for prices.

**MCDONALD'S GOLD MEDAL ALFALFA.**—Ontario grown. Inherent vigor and hardiness makes it particularly adapted to severity of Canadian winters. For description and price, see page 47.



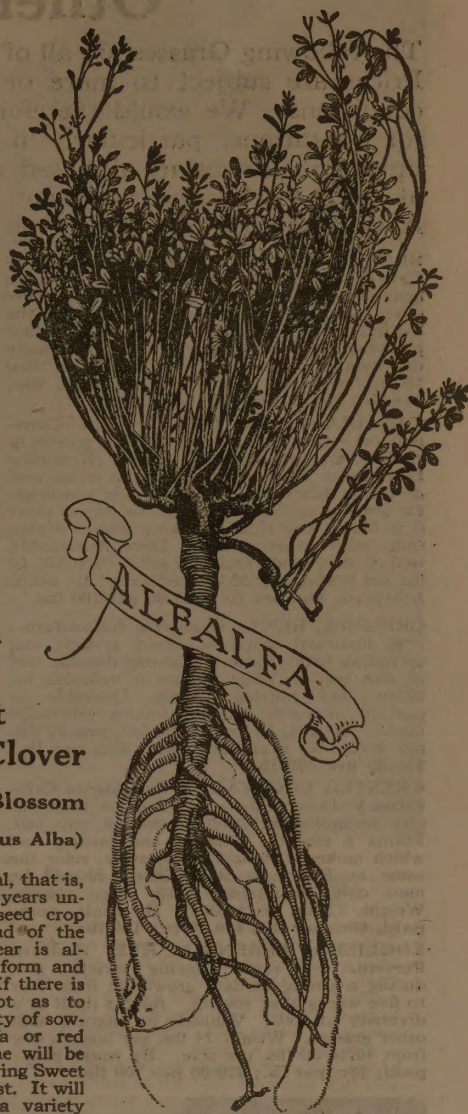
Sweet Clover

## Bokhara or Sweet Clover

White Blossom  
(Melilotus Alba)

A biennial, that is, lives two years unless the seed crop at the end of the second year is allowed to form and scatter. If there is any doubt as to advisability of sowing alfalfa or red clover, one will be safe in trying Sweet Clover first. It will grow in a variety of soils, wet or dry, heavy or light. Sweet Clover has

several advantages over alfalfa. It will grow on soils entirely unsuited to alfalfa or other legumes. It is more resistant to cold than alfalfa and can be cut close to the ground late in the fall without danger of winter killing. Then too, it produces seed abundantly; in fact, a stand so poor as to be quite useless for feed or pasture, will produce a good crop of seed. Lb., postpaid, 50c; Write for price on quantities.



## ABOUT PRICES

Future prices are too uncertain at date of issue to give prices.

Please write for our Special Red Figure Price List, issued at frequent intervals.

## ABOUT BAGS FOR SHIPMENT OF SEED

Timothy and Clovers should always be shipped in good, strong cotton bags. Add, therefore, to your remittance, 60c. each to cover cost of Cotton Bags.



A Fine Alfalfa Field



## Other Agricultural Grasses

The following Grasses are all of the very best quality obtainable. Prices are subject to more or less change owing to unsettled conditions. We would therefore recommend customers to write for quotations, particularly if wanted in lots of 50 lbs. and upwards. Prices are all based on delivery by express or freight at purchaser's expense, except when ordered at postpaid price. Always add 60c for each cotton bag required.

**BROMUS INERMIS.** (Awnless Brome Grass).—Stands long droughts and produces heavy crops of good hay in dry sections where other grasses would perish. One of the hardiest grasses, affording early and abundant pasturage, resisting intense cold and extremely dry weather. Weight, 20 lbs. per bushel; sow 20 lbs. per acre. By mail, postpaid, 60c; per lb.; \$50.00 per 100 lbs.

**CANADIAN BLUE GRASS.**—(Poa Compressa).—One of the most vigorous grasses in cultivation, distinguished from Kentucky Blue Grass by its flattened, wiry stems and decidedly bluer color. Makes fine pasturage for grazing cattle. Although the hay is short it is heavy and rich, shrinking less in drying than most other grasses. Does remarkably well on dry, sandy and thin soil. Weight, 14 lbs. per bushel; sow 30 lbs. per acre. By mail, postpaid, 35c. per lb.; \$25.00 per 100 lbs.

**CREEPING BENT.** (Agrostis Stolonifera).—A luxuriant grass of rapid growth and spreading habit, forming a strong durable turf of fine texture which makes it valuable for lawns and putting greens. Desirable in pasture mixtures and for sowing on moist lands. Weight, 20 lbs. per bushel; sow 40 lbs. per acre. By mail, postpaid, 65c. per lb.; \$55.00 per 100 lbs.

**CRESTED DOGSTAIL.** (Cynosurus Cristatus).—Does best on rich, moist land but can accommodate itself to almost any soil. Forms a smooth, compact and lasting turf which makes it desirable for lawns; color the same as Kentucky Blue Grass. Should be used only in mixture with other grasses. Weight, 22 lbs. per bushel. By mail, postpaid, 60c. per lb.; \$50.00 per 100 lbs.

**ENGLISH or PERENNIAL RYE.** (Lolium Perenne).—A rapid growing variety, producing a strong verdant growth in from four to five weeks after sowing. Adapts itself to a diversity of soils. Valuable in mixture with other grasses. Weight 24 lbs. per bushel; sow from 40 to 50 lbs. per acre. By mail, postpaid, 30c. per lb.; \$20.00 per 100 lbs.

**KENTUCKY BLUE GRASS.** (Poa Pratensis).—A true perennial grass widely distributed throughout Canada and the United States. Frequently called "June Grass," owing to its blooming in that month. One of the best pasture or lawn grasses, forming a thick permanent growth of short-bladed turf, which is hardy, durable, and little affected by weather conditions or constant tramping after once well established. Usually advisable to sow in combination with other grasses. Weight 14 lbs. per bushel. Sow 40 lbs. per acre. By mail, postpaid, 50c. per lb.; \$40.00 per 100 lbs.

**MEADOW FESCUE.** (Festuca Pratensis).—Also known as English Blue Grass. Recommended for use in permanent meadows and pasture mixtures. Prefers clays and other heavy soils and does extra well on wet or moist lands. It is one of the earliest grasses, and is sweet, tender, nutritious and well liked by all stock, never growing coarse or hard, and therefore is eaten without waste. Weight 24 lbs. per bush. Sow 25 lbs. per acre. By mail, postpaid, 60c. per lb.; \$50.00 per 100 lbs.

**MEADOW FOXTAIL.** (Alopecurus Pratensis).—One of the best permanent pasture grasses for rich, moist lands. Although it prefers moist, low lands, it accepts drier situations, and makes an earlier spring verdure than any other variety. Should be sown only in mixture with other grasses, say from 3 to 4 pounds per acre. By mail, postpaid, 60c. per lb.; \$50.00 per 100 lbs.

Cotton Bags are extra at 60c. each  
when supplied with seed.  
10-lbs. and upwards supplied at  
100 lb. price.

**ORCHARD GRASS.** (Dactylis Glomerata).—One of the most valuable and widely known of pasture grasses, coming earlier in the spring and remaining later in the autumn than others. It blooms earlier than Timothy and about the same time as common Red Clover. Yields the same amount of hay as Timothy, and if cut at the right period is nearly equal in feeding value. Weight, 14 lbs. per bush. Sow 30 lbs. per acre. By mail, postpaid, 55c per lb.; \$45.00 per 100 lbs.

**RED TOP.** (Agrostis Vulgaris).—A valuable permanent grass, succeeding in almost any soil, but particularly suited to moist soils and low lands, where it reaches highest state of perfection. Makes good pasture when fed close, and is not affected by tramping; also desirable for use on lawns. Fancy Solid Seed. Weight, 36 lbs. to the measured bushel. Sow 20 lbs. per acre. By mail, postpaid, 40c per lb.; \$30.00 per 100 lbs.

**RHODE ISLAND BENT.** (Agrostis Canina).—Resembles Red Top, but has shorter and narrower leaves. Makes a fine, close turf, and is splendid for lawns in combination with other sorts. Adapts itself to almost any soil or situation. Sow at the rate of 50 lbs. per acre for lawns. By mail, postpaid, 60c per lb.; \$50.00 per 100 lbs.

**ROUGH STALKED MEADOW GRASS.** (Poa Trivialis).—Thrives on rich, moist soil and in sheltered situations, but does not do well on dry land. Valuable for forming bottom grass in mixtures for permanent pastures. Sow 30 lbs. per acre; 14 lbs. per bushel. Price per lb. 65c. \$55.00 per 100 lbs.

**SHEEP FESCUE.** (Festuca Ovina).—Prefers dry uplands, yet thrives in poor, shallow, gravelly soil, where other sorts would fail. Resists extreme heat and cold. Though of dwarf growth, it yields a large amount of nutritious herbage, which is much relished by sheep. Sow 30 lbs. per acre. By mail, postpaid, 50c per lb.; \$40.00 per 100 lbs.

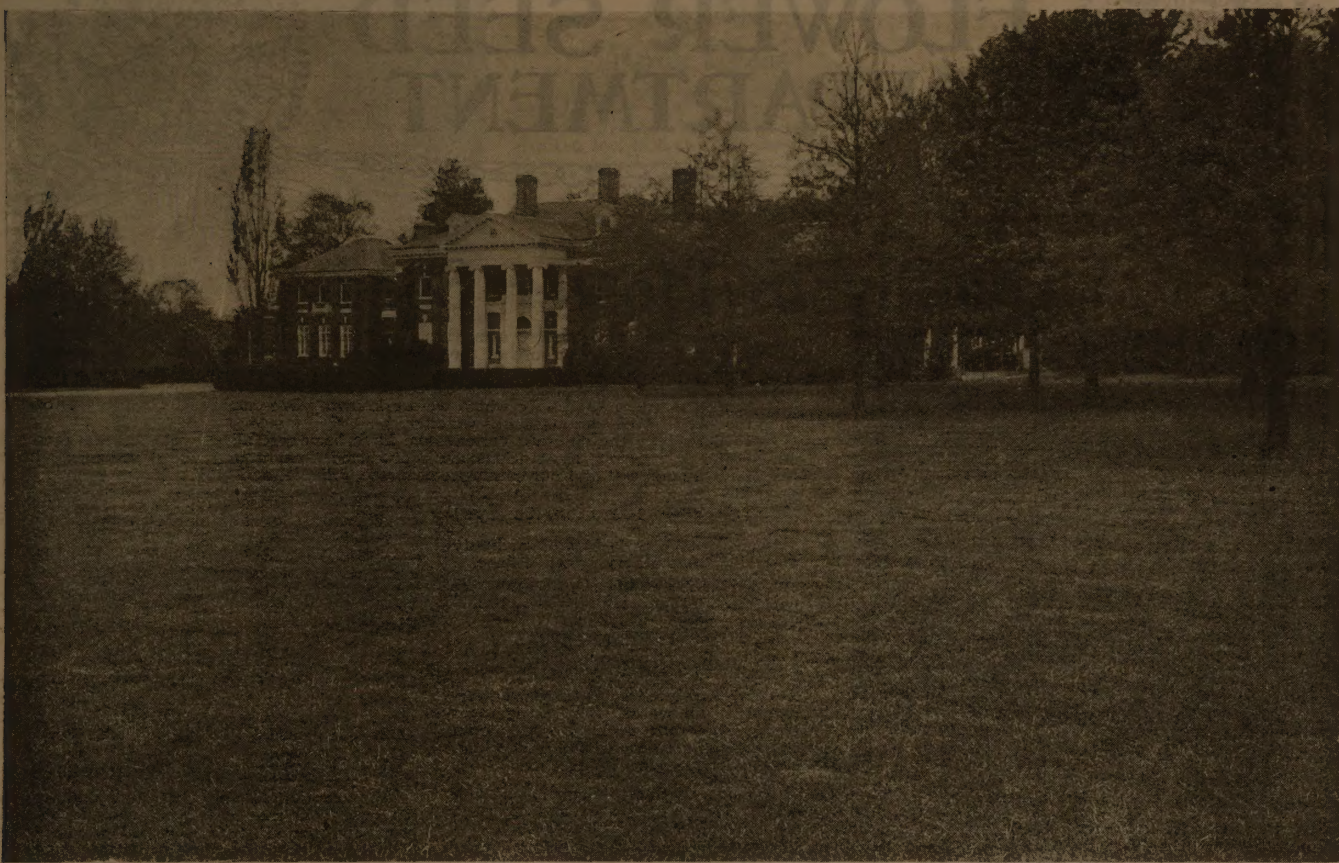
**TALL MEADOW OAT GRASS.** (Avena Elatior).—A hardy grass of thick growth; particularly suited to rich soils and clay formations, also makes excellent hay on sandy loams, but should be cut when in bloom. Valuable for pasture on account of its early luxuriant growth, which is of fine substance and relished by all cattle. Sow 40 lbs. per acre. By mail, postpaid, 60c per lb.; \$50.00 per 100 lbs.

**WOOD MEADOW.** (Poa Nemoralis).—Adapted to shady situations in lawns and woodland parks where other grasses will not grow. One of the first grasses in spring and makes a rich green growth. Permanent and hardy, resisting extremes of heat and cold. Sow 25 lbs. per acre. By mail, postpaid, 85c per lb.; \$75.00 per 100 lbs.



Productive Pastures make Happy Herds





## Beautiful Lawns make Artistic Homes

**E**VERYBODY admires a beautiful lawn. Whether it be the few square feet in front of the city home, the larger areas surrounding suburban residences, or the wide sweeps of our public parks, the lawn is admired everywhere as nature's most beautiful covering. A good lawn is not difficult to prepare and its restful beauty is ample reward for any time or labor spent on it. The ground should be evenly graded and well drained, and if not rich enough should get a liberal dressing of well-rotted barnyard manure well worked into the soil. Rake the surface until it is quite smooth and even, and firm the soil by either rolling or treading. After the soil is quite smooth the ground should be loosened a quarter of an inch deep with a sharp-toothed rake to prepare it for the seed. Seed should be sown evenly on a calm day using one pound to every 300 square feet. After sowing, go over it again with the roller to press the seed into the soil, covering the seed as little as possible. If the weather is dry, give a good watering occasionally till the young grass is well established, and as soon as the grass is three inches high commence to use the lawn-mower and cut frequently. Thorough rolling is beneficial at any time. Good seed is one of the first essentials and this we aim to supply. Our mixtures contain only the finest varieties of imported natural grasses, carefully selected for purity, cleanliness and high percentage of germination.

### McDonald's Evergreen Lawn Grass

Our Highest Grade Mixture containing only Fresh, Vigorous Seeds of Proven Germination and Purity

The varieties we use are all permanent in nature and carefully proportioned as to season, so that the lawn, even in its first year, will have a bright, rich green color from early spring until covered by snow.

This is the best mixture to use for the home lawn, and is especially suited for tennis, croquet, and ball grounds, as it retains its fresh greenness throughout the hot summer months. For private and public parks it is unexcelled and extensively used. Per lb. 50c; postpaid, 60c.

**McDONALD'S PARK MIXTURE.**—This mixture, while not containing so much of the higher-priced grasses as our Evergreen Lawn Grass, will give excellent results. Per lb. 40c; postpaid, 50c.

**McDONALD'S "COTTAGE" MIXTURE.**—While the grasses used in this combination are high grade, they are less expensive and must not be expected to give the results obtainable from higher priced mixtures. Per lb. 30c; postpaid, 40c.

**"SHADY NOOK" LAWN GRASS MIXTURE.**—A mixture of grasses which grow naturally in the woods, and of dwarf evergreen growth. Recommended for sowing under trees and in shady places where ordinary grasses will not thrive. Per lb. 60c; postpaid, 70c.

**McDONALD'S TERRACE MIXTURE.**—A satisfactory growth upon a terrace or embankment requires a special blend of grasses having thick, spreading roots. The soil is usually shallow and there is a strong likelihood of heavy rains washing out the grass unless it is strong and deep rooted. This mixture will be found ideal. Per lb. 50c; postpaid, 60c.

**McDONALD'S GOLF LINK MIXTURE.**—No grass mixture is more severely tested than that used for pleasure grounds. No other turf is required to stand such wear and rough usage; therefore it is necessary to sow grasses which will produce a thick and healthy growth. Per lb. 45c; postpaid, 55c.

### BOWKER'S LAWN AND GARDEN DRESSING

Here is a complete fertilizer that supplies the very plant food elements that the soil can't give enough of, and supplies them in a readily absorbed, "pre-digested" form. That is why the use of Bowker's Dressing shows such quick results — on grass, shrubs, flowers and vegetables — every growing green thing.

And the best part of it is that this scientific plant food costs little — much less than other fertilizers — and it goes a good deal further.

#### PRICES:

|                 |        |
|-----------------|--------|
| 10 lbs.—package | \$1.00 |
| 25 lbs.—sack    | 1.75   |
| 50 lbs.—sack    | 3.00   |
| 100 lbs.—sack   | 5.50   |





# FLOWER SEED DEPARTMENT

## Quality in Flower Seeds



Alyssum "Little Dorrit"

### Abronia (Sand Verbena)

Beautiful little trailers with clusters of fragrant, verberna-like flowers. Admirably adapted for rockwork or hanging baskets. Though really perennial in habit, this plant is usually grown as a hardy annual.

5. **UMBELLATA**.—Flowers rosy pink, 6 inches. Seeds in husk which should be removed before planting. Pkt. 10c.

### Abutilon

(Flowering Maple)

Desirable plants for house culture in winter bearing handsome, bell-shaped flowers. They can be started indoors and planted out when danger of frost is past. Cuttings are easily cultivated in pots for flowering indoors during the winter.

10. **MIXED NEW HYBRIDS**.—Carefully hybridized seed, saved from a splendid collection. Pkt. 15c.

### Achillea

(Milfoil or Yarrow)

One of the most desirable hardy plants for the perennial border as it blooms continuously from July to September.

15. **THE PEARL**.—The freest flowering variety growing 2 feet high with heads of pure white double flowers. Good for cut bloom. Pkt. 10c.

### Aconitum (Monkshood)

Showy summer-flowering perennials with long spikes of hood-shaped flowers.

20. **NAPELLUS**.—Very hardy, blue variety blooming in July and August; 4 feet. Pkt. 10c.

### Acroclinium

(Everlasting)

One of the finest of the everlasting flowers, which when cut in the bud state can be dried and used in winter bouquets.

25. **MIXED**.—Flowers in August and September; does well in light garden soil. Annual. Pkt. 10c.

Quality must come before everything in Flower Seeds, as it is only by the most careful attention and selection that the fine strains can be maintained at their high standard. The rigorous selection given our Flower Seeds make their production a science. They are grown by specialists of life experience whose constant endeavor is devoted to improving the select strains for which we are known. We confidently assure you of the superior merit of the various stocks we offer.

In describing the different varieties we have been careful to avoid any exaggerated statements and as our illustrations are reproduced from actual photographs, we hope our many friends will find our catalogue accurate, reliable, and easy to order from.

### Adonis (Pheasants Eye)

Very pretty, early-blooming, hardy annual, with feathery, green foliage.

30. **AUTUMNALIS**.—Crimson flowers with dark center. 1 foot. Pkt. 10c.

### Ageratum

(Floss Flower)

Very effective dwarf annuals, flowering freely all season from spring sown seed. They are easily grown, bloom quickly and are very useful for bedding, edgings and window boxes.

35. **MAUVE BEAUTY**.—A fine new variety having large mauve flowers. Plants are dwarf and compact in growth and very free-flowering. Pkt. 15c.

40. **MEXICANUM**. Lilac blue, 18 inches. Pkt. 10c.

45. **BLUE PERFECTION**.—This is the darkest colored of all large-flowering Ageratums grown from seed. Color deep amethyst blue. Plants are of compact habit and fine for bedding. Pkt. 10c.

### Agrostemma

(Rose Campion)

Well known and free blooming herbaceous plant. A favorite for permanent borders.

50. **CORONARIA**.—A very pretty species with lovely rose flowers. Perennial. 18 inches. Pkt. 10c.

### Alyssum (Mad Wort)

Beautiful, low-growing, free flowering plants, suitable for rock-work, edgings and clumps in flower beds. Does well in almost any soil or situation, blooming profusely all summer.

70. **LITTLE DORRIT**.—A great improvement on the well-known "Little Gem" being more compact in habit. It forms a perfect little bush of white bloom. A gem for edgings or beds. Annual. 6 inches. Pkt. 10c.

75. **LITTLE GEM**.—Height about 6 inches. Dwarf, compact and completely covered with snow-white blossoms. It begins blooming when quite small, and flowers through summer until late in the fall. Annual. Pkt. 10c.

77. **LILAC QUEEN**.—A distinct new annual Alyssum with pure lilac colored flowers. It is of dwarf compact habit and is as valuable an edging plant as the white varieties. Pkt. 15c.

80. **MARITIMUM**. (Sweet Alyssum). Small, white, sweet-scented flowers, growing 6 to 9 inches. Annual. Pkt. 10c.

85. **SAXATILE COMPACTUM**.—A handsome perennial variety with brilliant golden-yellow flowers, blooming in May and June. Useful for rockwork and edgings. 6 inches. Pkt. 10c.

### Ammobium

90. **ALATUM GRANDIFLORUM**.—Hardy annual everlasting flowers, pure white. The plant, which prefers sandy soil, is of erect habit and grows 3 feet high. Pkt. 10c.

### Anchusa (Alkanet)

An exceptionally fine perennial plant which deserves to be more widely grown. It blooms profusely over a long season and provides one of the most beautiful blues in nature.

95. **DROPMORE VARIETY**.—Magnificent hardy plant growing 4 to 5 feet high, and blooms from June till late fall. Its lovely gentian-blue flowers are borne on graceful stems, and are splendid for cut bloom. Pkt. 10c.

### PRIZE WINNING FLOWERS

Kitchener, Ont.

I can recommend your seeds and bulbs with pleasure, having had the best of success with all such purchased from you.

Flower seeds in particular I found very satisfactory and hope to continue finding them so. The success I had with flowers grown from your seeds enabled me to capture three first prizes and one second at our local Horticultural Society Exhibition.

W. C. COWAN.



Ageratum Mauve Beauty





**Aquilegia—Long-Spurred Hybrids**

## Antirrhinum

### (Snapdragon)

One of the showiest flowers for cutting, bearing long spikes of gorgeously colored flowers. They are easily grown and bloom profusely the first season. Though true perennials, they are best treated as annuals. Seeds started indoors during February or March will flower in July and continue till frost.

100. **MAJUS. Splendid Mixed.**—A magnificent selection of the Giant Flowering Snapdragon, containing 30 of the finest varieties in choice mixture. Pkt. 10c.

105. **MAJUS ROSE.**—Beautiful deep rose pink. Pkt. 10c.

110. **HALF DWARF MIXED.**—This class grows only about 12 to 15 inches high, and, as the flower spikes are equally as large as the tall varieties, they are even more suitable for bedding. They produce a fine mass of bloom till late in the season and each year seems to add to their popularity. Pkt. 10c.

115. **TOM THUMB MIXED.**—Lovely dwarf sorts, growing 8 to 10 inches high. Flowers of many beautiful colors. Pkt. 10c.

120. **VENUS (Novelty).**—A lovely shade of pink on a white ground, with pure white throats, making one of the most daintily beautiful Antirrhinums now offered. Flowers are very large and of finest form. 2 feet. Pkt. 15c.

## Aquilegia

### (Columbine)

A most desirable border plant, being quite hardy and blooming very early. The elegantly shaped flowers are daintily set on long stems, and are useful as cut flowers.

130. **CHRYSANTHA.**—Well known as the "Golden Spurred Columbine." Bright yellow with long spurs, 3 feet. Pkt. 10c.

135. **COERULEA HYBRIDA.**—Large, long-spurred blue and white flowers. 2½ feet. Pkt. 10c.

140. **LONG SPURRED HYBRIDS.**—Many years of careful selection and hybridizing have produced this very fine strain of hardy Columbines. The large beautifully-formed flowers vary in color through white, lavender, salmon, mauve, to pink and yellow, with the most exquisite blendings. Extra fine mixture. Pkt. 20c.

145. **DOUBLE MIXED.**—A choice mixture of many varieties in charming colors. Pkt. 10c.

## Arabis

### (Rock Cress)

Very early and pretty flowers, suitable for rockwork and perennial borders.

150. **ALPINA.**—The plant grows only about 6 inches high, and the pure white flowers afford an excellent contrast to most spring flowering plants. Flowers resemble Sweet Alyssum, and completely cover the plant. 6 inches. Pkt. 10.

## Arctotis

### (African Daisy)

Strong growing and free blooming annuals from South Africa.

155. **GRANDIS.**—A handsome white Marguerite flower of great value for cutting. The flowers are 3 inches across, with light blue centre and are in bloom from early summer till frost. Pkt. 10c.

## Asparagus

Excellent house plants, largely grown in hanging baskets. Fine foliage for bouquets.

160. **PLUMOSUS NANUS.**—Graceful, fern-like, bright green foliage. Much admired for conservatory and general floral decoration. Pkt. 25c.

165. **SPRENGERI.**—A favorite plant for hanging baskets. Easily grown from seed. Pkt. 15c.



**Aster Improved Victoria (Reduced)**

## McDonald's Select Asters

For many years we have made a leading specialty of Asters, and we take extreme care to ensure only the finest American and imported strains reaching our customers. Asters are popular favourites wherever flowers are grown, and this is due to their many fine qualities.

Their adaptability to all soils and situations, the ease with which they are raised, their freedom of bloom, and the size and lasting quality of the flowers, have gained for them a foremost place among garden favourites.

They yield to house treatment and pot culture, and as producers of cut flowers they are unexcelled.

## Asters

250. **PURITY.**—A very large and full Aster, borne on long stems. Color is a clear glistening white. An early bloomer and strong grower, flowering continuously till frost. Height 15 inches. Pkt. 15c.

255. **PEERLESS PINK.**—A beautiful variety of the late branching type, but blooms somewhat earlier. Flowers large and double; color rich shell pink. Pkt. 15c.

260. **DAYBREAK.**—One of the most popular mid-season Asters. Flowers delicate pink, very large and double. Pkt. 10c.

265. **PÆONY FLOWERED PERFECTION**—This is one of the finest of the unquilled Asters, growing about 18 inches high, and bears large, finely formed, incurved blooms in greatest profusion. All colors mixed. Pkt. 10c.



**Antirrhinum (Snapdragon)**



## McDonald's Selected Asters—continued



Aster—Giant Comet

### Ostrich Plume Asters

A magnificent type with immense, double, almost globular flower heads with long curled petals. Its fine Chrysanthemum like blooms are freely borne on long stems. One of the finest Asters for cutting.

- 270. OSTRICH PLUME WHITE.....Pkt. 10c.
- 275. OSTRICH PLUME ROSY PINK.....Pkt. 10c.
- 280. OSTRICH PLUME DARK BLUE.....Pkt. 10c.
- 285. OSTRICH PLUME CRIMSON.....Pkt. 10c.
- 290. OSTRICH PLUME DARK SCARLET.....Pkt. 10c.
- 295. OSTRICH PLUME FINEST MIXED.....Pkt. 10c.

235. VICKS PINK ENCHANTRESS.—This new variety is upright in habit, as distinguished from the branching form. Plants are vigorous, making much stronger growth than any of the older upright varieties. Leaves are broad, stems graceful and strong, supporting large, full double, delicate pink blooms. The petals are of medium length and very broad. Those toward the centre fold in regularly, while gradually, towards the outer edge, the petals stand out more and more, until those on the outside recede from the centre, thereby increasing the diameter of the flower. The general effect is indescribably soft and pleasing. Pkt. 15c.

310. DWARF CHRYSANTHEMUM FLOWERED.—A fine full double, dwarf Aster with very large flowers. Excellent for bedding or pots, height 1 foot. Pkt. 10c.

315. QUEEN OF THE MARKET.—Our selection of this popular variety blooms three weeks earlier than most Asters. Plants attain a height of from 12 to 18 inches and are splendid for cutting as the large double flowers are borne on long stems. All colors mixed. Pkt. 10c.

320. IMPROVED VICTORIA.—One of the most beautiful Asters in cultivation, plants bearing from 10 to 20 handsome, reflexed flowers of the finest coloring. Very fine mixture. Pkt. 10c.

325. LATE BRANCHING.—Plants 18 inches high with large, full petalled blossoms borne on long stems. Flowers rich and showy and bloom continuously from September till frost. All colors mixed. Pkt. 10c.

307. ECLIPSE.—A delicately beautiful Aster which will appeal to refined tastes. The petals are long and narrow and the flower almost single save for a small crown of petals in centre of bloom. Various choice shades in mixture. Pkt. 15c.

297. HERCULES.—A new, giant flowered Aster of the Ostrich Plume type. It is a strong grower and produces large, double blooms of a beautiful, brilliant rose. Fine exhibition variety. Pkt. 20c.

330. QUILLED MIXED.—Plants tall and branching; attaining height of two feet. Flowers are double, large and beautifully quilled. This variety is noted for its profusion of bloom and clearness of color. Fine Mixed. Pkt. 10c.

335. PERENNIAL ASTERS. (Michaelmas Daisies).—Very showy and useful hardy perennials, good for cutting. They thrive in any good soil and flower the first season if sown early. Fine mixture of best named varieties. Pkt. 10c.

### Giant Comet Asters

We consider this the most popular class of Asters now grown. Wherever shown, they win great admiration owing to their immense, gracefully formed blooms. As many as 20 to 30 long-stemmed flowers are borne on the one plant, measuring from 4 to 6 inches in diameter. The flowers are large and very beautiful resembling the Japanese Chrysanthemums with their long elegantly curved petals.

- 170. GIANT COMET WHITE.....Pkt. 10c.
- 175. GIANT COMET LIGHT YELLOW.....Pkt. 10c.
- 180. GIANT COMET ROSE.....Pkt. 10c.
- 185. GIANT COMET CRIMSON.....Pkt. 10c.
- 190. GIANT COMET AZURE BLUE.....Pkt. 10c.
- 195. GIANT COMET DARK BLUE.....Pkt. 10c.
- 200. GIANT COMET MAUVE.....Pkt. 10c.
- 205. COLLECTION.—Containing one packet each of the seven colors. 60c.

215. GIANT COMET MIXED.—A splendid mixture containing many new shades in addition to the above. Pkt. 10c.

210. GIANT COMET GOLIATH MIXED.—This is an unusually good mixture saved from selected plants and containing fine clear colors only. Our growers say it is "the largest and finest exhibition variety in existence." All colors mixed. Pkt. 20c.

### Giant Crego Asters

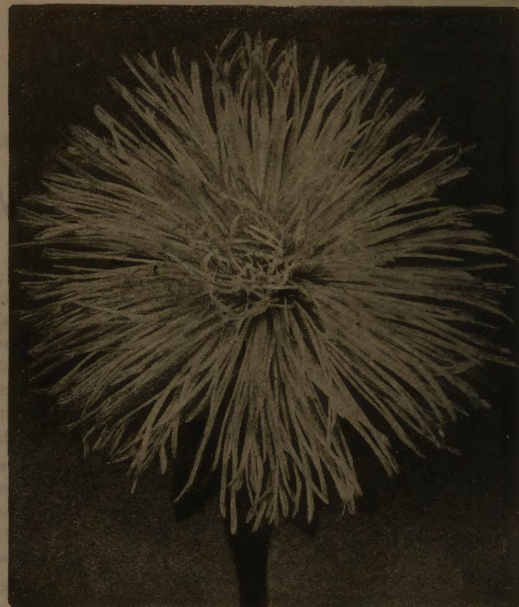
One of the largest flowering Asters, being of vigorous branching habit, and growing 25 to 30 inches high. They are of the Comet type, large and full double, with long waved petals.

- 220. CREGOS GIANT WHITE. Pure white. Pkt. 15c.
- 225. CREGOS GIANT PINK. Beautiful light pink. Pkt. 15c.
- 230. CREGOS GIANT PURPLE. Lovely dark shade. Pkt. 15c.

McDONALD'S SEEDS GROW PRIZE GARDENS,  
Shawville, Que.

"I am well pleased with your seed, and would have no other. Had a prize garden this two years since buying from you. Please send enclosed order as soon as possible."

MRS. A. McKNIGHT.



Aster—Eclipse



## Aubrietia (False Wall Cress)

Hardy perennial, evergreen trailer of dense habit. It flowers very early in spring and the dwarf cushion-like growths, when covered with their purple flowers, present a pretty sight.

340. **GRAECA**.—Very dwarf plants, growing only 3 inches high. Good for rockwork. Pkt. 10c.

## Balsam

A well-known annual and one of the showiest summer-flowering plants. The flowers are of a delicate, waxy texture, perfectly double and include the most exquisite colors. Some of the flowers of the new sorts are almost as perfect and as double as Camellias and nearly as regular in shape.

The improved Camellia Flowered varieties are great improvements on the old sorts, and will be quite a revelation to those who have never grown them. They are easily raised from seed and bloom freely, succeeding best in sunny locations. Height 2 feet.

- 350. **CAMELLIA FLOWERED WHITE**..... Pkt. 10c.
- 355. **CAMELLIA FLOWERED BLUE**..... Pkt. 10c.
- 360. **CAMELLIA FLOWERED CRIMSON**..... Pkt. 10c.
- 365. **CAMELLIA FLOWERED ROSE**..... Pkt. 10c.
- 370. **CAMELLIA FLOWERED SULPHUR YELLOW**..... Pkt. 10c.
- 375. **CAMELLIA FLOWERED SALMON**..... Pkt. 10c.
- 380. **CAMELLIA FLOWERED MIXED**..... Pkt. 10c.

## Bartonia

Very showy, free blooming plants, with large, golden-yellow flowers.

385. **AUREA**.—Hardy annual of easy culture. Does well in shade or where the soil is peaty and moist. Height 18 inches. Pkt. 10c.

## Bellis (English Daisy)

A popular perennial plant for edgings and borders, and combines well with Pansies or Forget-me-not. Does well in shady places and will bloom first year from seed, if sown early in boxes and transplanted. Height 6 inches.

- 395. **SNOWBALL**.—Largest and best pure white Daisy. Flowers freely, on good stems. Pkt. 10c.
- 400. **GIANT DOUBLE MIXED**.—A splendid mixture of the finest shades. Large double flowers. Pkt. 10c.

## Brachycome (Swan River Daisy)

Free flowering, dwarf annuals, suitable for edgings or small beds. They are easily grown and produce their pretty blue flowers all through summer. 9 inches.

405. **LITTLE BLUE STAR**.—The finest Brachycome yet introduced. Plants are literally covered with a profusion of bright blue, starry flowers. Of compact habit and easily grown. Pkt. 10c.



Aster-Vicks Pink Enchantress

## Calendula (Scotch Marigold)

A genus of showy annuals, blooming from early summer till late in the fall. They are deservedly popular, being easy to grow, very hardy, good for cutting, and bloom over a long season. Height 12 inches.

415. **METEOR ORANGE**.—A beautiful double variety of the common or Scotch Marigold, with orange flowers striped primrose; a profuse bloomer. Pkt. 10c.

420. **ORANGE KING**.—A splendid variety of Calendula, with large, orange flowers, perfectly double, and beautifully formed.

Blooms before the other varieties, and remains in flower during the whole season. Pkt. 10c.

425. **PRINCE OF ORANGE**.—A variety similar to Orange King, but of a deeper shade of orange. Pkt. 10c.

430. **SULPHUR QUEEN**.—A very attractive sulphur yellow variety of this useful annual. Pkt. 10c.

435. **CHOICE MIXED**.—Splendid mixture of many handsome varieties. Pkt. 10c.



Bellis

## Calceolaria (Slipperwort)

Well-known and popular greenhouse perennials. Sow seed any time between the end of August, allow the plants plenty of ventilation, but do not let the leaves of one plant come in contact with those of another.

410. **PRIZE MIXED**.—Flowers are of large size and perfect form, while the variations and markings are endless. In addition to the usual range of colors, this strain contains unique shades of rose, pink and coppery red. Pkt. 25c.

## Canary Bird Vine (Tropaeolum)

Favourite annual climber, with an abundance of fine foliage and bright yellow blossoms which bear a fancied resemblance to a canary.

520. **TROPAEOLUM CANARIENSE**.—Ideal for arbors or trellises; height 10 feet. Flowers profusely all summer.  $\frac{1}{2}$  oz. 20c; Pkt. 10c.



Aster—Late Branching





Calliopsis—Tom Thumb Beauty

## Candytuft (Iberis)

Well-known dwarf annuals of bushy habit, growing 12 inches high, and bearing large umbels of bloom. The plants are very floriferous, and are very attractive to bees. Splendid for edging, bedding or massing.

**525. GIANT HYACINTH FLOWERED WHITE.**—A magnificent introduction, each plant having five or six heads of bloom. Its fine spiral spikes of purest white make it very attractive for beds or borders. Pkt. 10c.

**530. GIANT EMPRESS WHITE.**—A handsome variety, bearing very large, long, pyramidal trusses of snow-white bloom. Pkt. 10c.

**535. PURPLE.**—The well-known purple Candytuft. Pkt. 10c.

**540. DUNNETTS DARK CRIMSON.**—A unique and beautiful shade, which contrasts effectively with the white varieties. Pkt. 10c.

**545. MIXED COLORS.**—A fine mixture of all the best colors among the annual sorts. Pkt. 10c.

**550. PERENNIAL CANDYTUFT.**—(Iberis Sempervirens).—Hardy evergreen plants of robust growth, which form large spreading tufts, which in spring are covered with snow-white flowers. Height 9 to 12 inches. Pkt. 10c.

## Carnation

(*Dianthus Caryophyllus*).

The strains offered below are imported from eminent Carnation growers, and will produce a large percentage of double flowers of splendid quality. Carnations flower most freely when raised from seed.

**565. MARGUERITE MIXED.**—A selected strain of dwarf, compact habit, branching closely above the ground. They bloom in about four months from seed, and produce a rich profusion of fragrant flowers, full double and beautifully fringed. Splendid for cutting. Pkt. 10c.

**570. FINE MIXED SEEDLINGS.**—Saved from a rich collection, and will produce a wide variety of finest colors. Pkt. 10c.

## Cardinal Climber (Ipomea Cardinalis)

A new annual climber of extremely rapid growth, flowering early and profusely. It succeeds best in a warm, sunny position, in rich soil, and should be started early indoors for best results.

**560. CARDINAL CLIMBER.**—Each plant bears a multitude of rich, glowing scarlet flowers, which average  $1\frac{1}{2}$  inches in diameter, and blooms continuously from July till frost. Leaves are deeply lacinated like a Japanese Maple. Quickly attains a height of from 15 to 20 feet. Pkt. 15c.

## Calliopsis (Coreopsis)

Showy and useful garden flower of great value for cutting. They are of the easiest culture, bloom freely all summer, and are splendid for massing. Give them an open, sunny position and good cultivation and they will amply reward you with a wealth of golden blooms.

**440. DRUMMONDI.**—(Golden Wave). Flower heads golden-yellow with a zone of dark crimson encircling the eye. Annual. 1 foot. Pkt. 10c.

**445. BICOLOR TINCTORIA.**—Deep golden-yellow with maroon blotches at base of petals. Annual, 18 inches. Pkt. 10c.

**450. GRANDIFLORA.**—Rich yellow flowers on long stems. Height 2 feet. Perennial blooming first year, if sown early. Pkt. 10c.

**455. LANCEOLATA GRANDIFLORA.**—Large golden-yellow flowers, fine for cutting. This is a perennial variety, but can be treated as an annual. Height 2 feet. Pkt. 10c.

**460. CORONATA.**—Yellow, with brown centre; flowers large and showy. Annual, 18 inches. Pkt. 10c.

**465. TOM THUMB BEAUTY.**—This elegant dwarf and compact growing annual forms a perfect little bush covered with bright, golden-yellow flowers with crimson centre. Its easy culture and free-blooming character makes it quite a gem for borders, while it is equally valuable for pot culture. Pkt. 10c.

BEST EVER PLANTED.

Fallbrook, Ont.

"Your Seeds are the best I ever grew. Last year I had the best garden I ever planted."

MRS. F. W. SNOW.

## Campanula (Bell Flower)

Well-known and beautiful hardy perennials, bearing a great profusion attractive blue and white bell flowers. Most Campanulas will flower the first season if sown early.



Campanula—Persicifolia. Moerheimi

## Celosia Cristata (Feathered Cockscomb).

These beautiful Feathered Cockscombs are easily grown from seed. Plants are of pyramidal growth with beautiful, showy plumes resembling ostrich feathers. Splendid for bedding, height  $2\frac{1}{2}$  to 3 feet. Annuals.

**575. OSTRICH FEATHERED CRIMSON.**—Pkt. 10c.

**580. OSTRICH FEATHER ORANGE.**—Pkt. 10c.

## Celosia Cristata (Crested Cockscomb).

The well-known dwarf growing Cockscombs, producing rich crimson combs of enormous size. Extensively used for bedding. Annuals. Height 8 inches.

**585. EMPRESS.**—A new selection, having large, rich crimson combs and dark foliage. Saved from selected combs. Pkt. 10c.

**590. DWARF CRIMSON.**—Saved from a fine strain of dwarf Cockscombs. Pkt. 10c.

**475. PYRAMIDALIS BLUE.**—A remarkably handsome species, growing 4 feet high and flowering first season, from early sowings. Pkt. 10c.

**480. PYRAMIDALIS ALBA.**—A pure white form of the preceding variety. Pkt. 10c.

**515. PYRAMIDALIS MIXED.**—Pkt. 10c.

**507. PERSICIFOLIA. MOERHEIMI.**—One of the finest hardy bell-flowers, growing 2 to 3 feet high. The fine, pure white, saucer shaped flowers are freely borne on good stems from June till September. Pkt. 15c.

## Campanula Media (Canterbury Bells)

Popular hardy biennials of great value for border decoration. They grow  $2\frac{1}{2}$  feet high, and bloom in June. All our Canterbury Bells have been carefully selected for years, and may be relied on to come as true to color as is possible.

**485. SINGLE WHITE.**.....Pkt. 10c.

**490. SINGLE ROSE.**.....Pkt. 10c.

**495. SINGLE BLUE.**.....Pkt. 10c.

**500. SINGLE MIXED.**.....Pkt. 10c.

**505. DOUBLE MIXED.**.....Pkt. 10c.

**510. CALYCANTHEMA MIXED.**—This is the new calyx-flowered or Cup and Saucer Canterbury Bells. Very showy and of good pyramidal habit. 2 feet. Pkt. 15c.



Campanula—Double Mixed



## Centaurea (Cornflower)

Among the old favorite hardy annuals the different *Centaureas* take a high place. They are easily grown and bloom quickly from seed.

**600. IMPERIALIS.**—Plants of bushy growth, 3 feet in height, covered with large, long-stemmed, double flowers which are delightfully fragrant. Also known as Giant Sweet Sultans. All colors mixed. Pkt. 10c.

**605. CYANUS MINOR.**—This is the well-known blue Cornflower known also as "Bluebottle," and "Ragged Sailor." Its bright blue flowers are known and loved wherever gardens are grown. Fine for cutting. Pkt. 10c.

**610. GYMNOCARPA.** (Dusty Miller).—This beautiful variety is grown exclusively as a foliage plant. Finely cut, silvery leaves. Pkt. 10c.

**609. CANDIDISSIMA.**—Silvery leaved variety very similar to the foregoing but leaves are broadly cut. Pkt. 10c.

## Canna (Indian Shot)

It is not generally known that these fine bedding plants can be easily grown from seeds and will bloom the first summer if sown early in house or hot bed. The round, bullet-like seeds, (from which is derived the popular name of Indian Shot), should be soaked in lukewarm water for 24 hours after piercing the hard coating with a file.

**555. CROZYS NEW HYBRIDS.**—One of M. Crozys best introductions. Saved from the finest and newest sorts in his collection. Pkt. 15c.

### PRAISE FROM BRITISH COLUMBIA.

Enderby, B.C.  
"Please find enclosed our order for Seeds. We were much pleased with the Seeds we got from you last year: they gave good satisfaction."

H. BYRNES.



**Celosia Plumosa**

## Clarkia

A showy and pretty hardy annual of easy cultivation. In flower from mid-summer till frost.

**665. PULCHELLA TOM THUMB.**—Fine double flowers in many shades of white, crimson and purple. 1 foot. Mixed colors. Pkt. 10c.

**670. ELEGANS DOUBLE MIXED.**—Beautiful mixture of fine new shades. Pkt. 10c.

## Cineraria

Magnificent flowering plants for the conservatory or window garden. The flowers measure 2 to 3 inches across and usually show two or more colors in one flower. A great variety of shades are represented ranging from white through pink and crimson to blue and violet.



**Chrysanthemum (Inodorum Snowball)**

## Chrysanthemum (Paris Daisy)

These hardy garden varieties are quite different from the large greenhouse varieties of the florist, though belonging to the same family. They are invaluable for cut flowers and border decoration, and bloom from early summer till frost. Height 1 to 1½ feet.

**615. TRICOLOR MIXED.**—Fine hardy annual, frequently showing three distinct colors in the one flower. Pkt. 10c.

**620. CORONARIUM DOUBLE MIXED.**—Fine double yellow flowers. Annual. Pkt. 10c.

**625. INODORUM SNOWBALL.**—A splendid double white variety which is easy to grow and splendid for cutting. Annual. Pkt. 10c.

**630. EVENING STAR.**—Large, bright golden-yellow flowers, fine for cutting. Annual. Pkt. 10c.

**635. MORNING STAR.**—Large primrose colored flowers. Annual. Splendid for cut flowers. Pkt. 10c.

**640. KING EDWARD VII. (Moonpenny Daisy).**—One of the largest whites, perfect form and very free-flowering. A splendid hardy perennial. Pkt. 15c.

**645. SHASTA DAISY.**—A handsome, perennial *Chrysanthemum* often measuring 4 inches across. Flowers are elegantly shaped and borne on long stems, unsurpassed for cutting. White. Pkt. 15c.

## Cobaea (Cathedral Bells)

Handsome climbing vines which are deservedly popular on account of their rapid growth, frequently attaining a height of 30 feet in one season.

**680. SCANDENS.**—Large, purple, bell-shaped flowers. Vigorous grower. Biennial but is better treated as an annual sowing in March and planting out end of May. Pkt. 10c.



**Clarkia—Pulchella Tom Thumb**

## Cineraria—continued

**650. STELLATA.**—The charming Star Cineraria with spreading panicles of lovely flowers. Pkt. 25c.

**655. SUPERB. MIXED.**—A remarkably fine strain of Cineraria saved from one of the finest prize collections in Britain. They are compact in habit and the immense flowers exhibit an infinite range of beautiful shades of color. Pkt. 35c.

**660. MARITIMA DIAMOND.**—An entirely distinct variety grown exclusively for its beautiful, silvery foliage. Like *Centaurea Candidissima* this is also known as Dusty Miller and is quite equal to that variety in whiteness of color. Pkt. 10c.

## Coleus

Effective, ornamental foliage plants for house or garden culture. Plants raised directly from seed are healthier and more vigorous than those from cuttings. Tender perennial.

**685. CHOICEST AND NEWEST VARIETIES.**—Saved from a choice collection of the largest and best colored sorts. Splendid for bedding. Pkt. 35c.



## Cosmos (Cosmea)

Beautiful, large flowers somewhat resembling the single Dahlia. The foliage is fern-like and graceful and the blossoms are borne abundantly on long stems suitable for cutting. Annual. 4 to 6 feet.

690. **EARLY FLOWERING MIXED.**—This early flowering strain begins to bloom in June if started early in house or hotbed. Seed should be sown in March and potted off before transplanting to the open ground. All colors mixed. Pkt. 10c.

695. **MAMMOTH PERFECTION.**—An improvement over the old sorts but later in flowering than the preceding variety. Pkt. 10c.

## Wild Cucumber

One of the quickest growing annual climbers, retaining its fresh green foliage throughout the hot summer months.

700. **ECHINO CYSTIS LOBATA.**—Pretty cream-white blossoms followed by an abundance of prickly, ornamental seed pods. Rapid, vigorous grower, never infested by insects. Oz. 25c; Pkt. 10c.

## Cyclamen

Among the winter-flowering greenhouse plants the Cyclamen occupies an important place, and well repays the grower by the abundance and beauty of its flowers. Seed may be sown any time during spring or autumn and, as the finest display is to be had from yearling plants, it is advisable to raise fresh stock annually.

705. **PRIZE VARIETIES MIXED.**—Our strain of Cyclamen is saved from the collection of a famous English grower, and can be relied on as containing all the best forms and every shade of color. Pkt. 35c.

## Cypress Vine

(Ipomoea Quamoclit)

A beautiful rapid growing climber with delicate, dark green, feathery foliage. Tender annual. 15 feet.

710. **FINEST MIXED.**—Scarlet and white star-shaped blossom. Sow outdoors and cover seed half an inch deep. Thin the young plants to 6 inches apart. Pkt. 10c.

## Dolichos

(Hyacinth Bean)

A fine climber with clusters of lovely white flowers followed by ornamental seed pods. Annual. 10 to 15 feet.

730. **DAYLIGHT.**—Rapid growing variety with healthy, heart shaped foliage and white, pea shaped blossoms. Pkt. 10c.



## Clematis (Virgin Bower)

Beautiful, hardy perennial climber. Seed is slow to germinate and should be soaked in water for 24 hours before planting.

675. **PANICULATA.**—Attains a height of 10 to 40 feet; an excellent climber for verandahs or fences. White. Pkt. 10c.

WELL PLEASED.

*I have been well pleased with your seeds. Have used them for the past two years, and my garden excelled anything grown in the past.*

Parry Sound, Ont.

C. E. KENNEY.



Clematis Paniculata

## Dahlia

Favorite autumn flowering plants blooming first season from seed if sown early. The flowers are so symmetrical and perfect and the range of colors so wide and varied, that they will always be popular where display is wanted. Tender perennials, 3 to 4 feet high.

715. **DOUBLE MIXED.**—A fine selection of the Double varieties saved from the best, large flowering sorts. Pkt. 25c.

720. **SINGLE MIXED.**—Many flower lovers consider these more beautiful than the double varieties. The colors are clear and brilliant and show remarkable variations. Pkt. 10c.

725. **DOUBLE CACTUS MIXED.**—Choicest cactus varieties in fine mixture. Pkt. 10c.



Dahlia, Double Mixed



Dianthus Snowdrift



## Delphinium (Hardy Larkspur)

Delphiniums produce some of the loveliest blue flowers in the garden. Their stately habit and splendid colorings make them universal favorites, and where bold effects are desired they are unsurpassed.

Seeds sown indoors in March and planted out in the beginning of June will flower the same season. They are also started during June and July for flowering the following year.

**735. KELWAY'S CHOICE SHOW VARIETIES.**—This is one of the finest strains of Delphinium in existence. By continuous and patient hybridizing and selecting the Delphinium has been improved, till it is one of the most beautiful and stately plants now grown. We have a limited quantity of seed saved from Kelway's choicest show varieties, which contains all the finest shades known in these superb plants. A good percentage will come true from seed and the remainder should produce some fine hybrids. Pkt. 25c.

**740. HYBRIDUM.**—Extra large flowers on long spikes, comprising most brilliant colors. Pkt. 20c.

**745. CARDINALE.**—Beautiful scarlet flowers. Pkt. 15c.

**750. BELLADONNA.**—This beautiful sky-blue hybrid comes quite true from seed, and is very robust and free flowering. Hardy and splendid for cutting. Pkt. 15c.

**755. NEW LARGE FLOWERING HYBRIDS.**—All shades of blue from best named varieties only. Choicest mixed. Pkt. 10c.

**760. FINE MIXED.**—Pkt. 10c.

## Dianthus (Pinks)

The Dianthus family furnishes many beautiful and popular flowers. The Chinese and Japanese Pinks are old favorites and, as a class, are more varied in color than Carnations, though lacking their fragrance. Both single and double Pinks are well adapted for bedding and borders, and are also suitable for cutting, as the stems are of good length, and the brilliantly colored flowers contrast vividly with the bright green foliage. Though some are perennials they are usually treated as annuals, as they bloom quickly from seed.

**765. DOUBLE JAPAN HEDDEWIGGI.**—The finest strain of Japanese Pinks now grown. This selection embraces a wide range of colors from delicate rose to rich, velvety crimson. Pkt. 10c.

**770. CHINENSIS DOUBLE MIXED.**—White and dark crimson shades predominate in this mixture. Brilliant colorings and markings. Pkt. 10c.

**775. CHINENSIS SINGLE MIXED.**—The well-known single Pinks. All colors mixed. Pkt. 10c.

**780. LACINIATUS FL. PL. SNOWDRIFT.**—The finest, large flowered, annual variety of Japanese Pink. The beautiful fringed double flowers measure 3 inches across and are of purest white. Pkt. 10c.



Dimorpotheca



Dianthus, Heddewiggi

## Dimorpotheca (Orange Daisy)

A new and very beautiful annual which deserves the widest distribution. It is quite hardy and easily grown, blooming early and abundantly. Plants grow 12 to 15 inches high and are of neat, branching habit.

**805. AURANTIACA.**—This handsome "African Golden Orange Daisy" bears showy, Marguerite-like blossoms of a rich golden orange color. Very effective in the garden and splendid for cutting. Pkt. 10c.

**810. AURANTIACA HYBRIDA.**—These superb new hybrids show rich variations of color, ranging from purest white to sulphur, lemon, golden-yellow, orange, salmon and rose. Very hardy, showy and easily grown. Pkt. 15c.

## Dracaena (Cordylone)

Very ornamental plants, with elegantly recurved foliage.

**815. INDIVISA.**—The favorite variety for growing in pots, vases or window boxes. Pkt. 15c.

## Echinops (Globe Thistle)

Hardy perennial, admirably adapted for borders and shrubberies. Height 6 to 8 feet. They are of easy culture and will grow in any situation.

**820. RITRO.**—Large spherical heads of blue flowers on long stems. Pkt. 10c.

## Four O'Clocks (Marvel of Peru)

Large and beautiful old fashioned flowers, which are popular favorites on account of their easy culture and profusion of bloom. The flowers are tube shaped and include brilliant shades of white, red, yellow and orange, with stripes and blotches

**860. ALL COLORS MIXED.**—Hardy annuals of erect bushy habit. Brightly colored flowers produced in profusion all season. Height, 2 feet. Pkt. 10c.



Delphinium





**Digitalis (Foxglove)**

## Gaillardia (Blanket Flower)

Showy bedding and border plants remarkable for the profusion and brilliancy of their flowers.

865. **PICTA**.—Crimson with gold margin. Annual. Pkt. 10c.

870. **PICTA LORENZIANA**.—A splendid double variety with handsome flowers. Annual. Pkt. 10c.

880. **ANNUAL VARIETIES MIXED**.—Choice mixture of showy annual sorts. Pkt. 10c.

875. **GRANDIFLORA COMPACTA**.—Handsome perennial variety blooming first season from early sowings. Ray flowers ranging from red to yellow around a dark maroon centre. Pkt. 10c.

## Godetia (Satin Flower)

These attractive hardy annuals are particularly useful because they thrive so well in shady places where so few flowers can be grown. The large blooms are of a shining, satiny texture and are borne in utmost profusion.

890. **CRIMSON GLOW (New)**.—A very fine Godetia for bordering, growing about 9 inches high, and completely covered with large clusters of deep crimson flowers. This is a special strain which we can recommend to those wanting the finest in Godetias. Fine compact stock. Pkt. 15c.

895. **THE BRIDE**.—A dainty variety that has become a favorite. Pale pink and white. Pkt. 10c.

900. **SCHAMINI FL. pl.**—This is the new double rose Godetia which has been so greatly admired. Flowers are very double, of a bright rose color and very effective for bedding. As cut bloom they are particularly useful as the flowers develop and the sprays lengthen after being placed in water. Height 2 to 3 feet. Pkt. 10c.

905. **LADY SATIN ROSE**.—One of the most beautiful of all varieties. Flowers are of a beautiful, deep rose pink, shining like satin. Pkt. 10c.

910. **DWARF COMPACT VARIETIES**.—A fine mixture of low growing sorts suitable for bordering. All colors mixed. Pkt. 10c.

## Digitalis (Fox Glove)

Stately old-fashioned hardy perennials which are seen to best advantage in the back of the perennial border. They grow 3 to 5 feet high, and bear numerous handsome, bell-shaped flowers on long stems. In bloom from June to August.

790. **GLOXINIAEFLORA**.—Flowers have spotted throats resembling Gloxinias. A greatly improved strain. All colors mixed. Pkt. 10c.

795. **MONSTROSA**.—This variety is quite distinct among Foxgloves, as each spike is surmounted by a very large bell-shaped flower. Long spikes of bloom. Pkt. 10c.

800. **FINE MIXED**.—Containing white, purple, pink and yellow shades. Pkt. 10c.

## Eschscholtzia (California Poppy)

Showy hardy annuals which bloom quickly from seed and produce a brilliant effect in beds. 1 to 1½ feet high.

825. **MANDARIN**.—Very fine, deep orange-scarlet flowers. Extra select strain. Pkt. 10c.

830. **CALIFORNICA**.—Bright, canary yellow flowers freely produced. Splendid for bedding. Pkt. 10c.

835. **CARMINE KING**.—The deep, lustrous carmine shade of this variety is quite novel in Eschscholtzias. Award of Merit, Royal Horticultural Society. Pkt. 10c.

837. **FIRE FLAME**.—The most vividly brilliant Eschscholtzia yet introduced, being a rare combination of lemon-yellow and rosy crimson. The colors are not in stripes but are perfectly blended in the petals suggesting the truly descriptive name of "Fire Flame" The plants are compact and upright producing their flowers in the utmost profusion. Pkt. 15c.

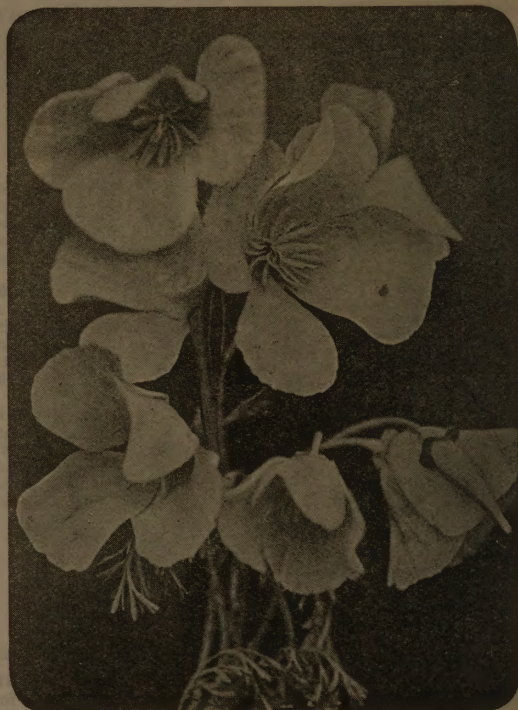
## Forget-Me-Not (Myosotis)

Hardy, early flowering perennials, succeeding best in rich moist soil. Does well in shade.

845. **VICTORIA**.—This Forget-Me-Not is of robust habit, growing only about 5 to 7 inches in height, covered with bright, azure blue flowers. Pkt. 10c.

850. **PALUSTRIS**.—Semperflorens (New).—This variety flowers continuously from spring to autumn. Creeping habit; prefers a cool, moist situation. Flowers are large and of a beautiful azure blue. Pkt. 15c.

855. **CHOICE MIXED**.—A splendid mixture of the best varieties. Pkt. 10c.



**Eschscholtzia (California Poppy)**



## Ornamental Gourds

Hardy annual climbers with peculiarly shaped and brightly colored fruits. Very desirable where an immense amount of foliage is required. Easily and quickly grown.

**915. JAPANESE NEST EGGS.**—This gourd is egg-shaped and the fruit can be used as poultry nest-eggs. Pkt. 10c.

**920. HERCULES CLUB.**—The fruit is club-shaped, sometimes growing 4 feet long. Pkt. 10c.

**925. CALABASH or PIPE GOURD.**—The curved neck of this fruit is used for making the well-known Ca abash pipes. Pkt. 10c.

**930. MIXEI ORNAMENTAL GOURDS.**—A splendid collection containing many strange and curious varieties. Pkt. 10c

## Gypsophila (Baby's Breath)

Pretty, free flowering plants yielding an abundance of tiny white flowers on elegant stems.

**940. ELEGANS.**—A beautiful hardy annual variety with delicately beautiful sprays of white flowers. Every garden should have some of this variety as it is unexcelled for mixing with Sweet Peas and other bouquets, also for table decoration. Pkt. 10c.

**945. PANICULATA.**—This beautiful perennial variety forms a beautiful plant about 3 feet high which bears long panicles of white bloom, splendid for cutting for mixing with other flowers. Pkt. 10c.

**947. PANICULATA FL. pl.**—This is the new double flowered form of the perennial Baby's Breath. The flowers are borne in elegant panicles and are splendid for cutting as they last a long time in water. A good percentage comes true from seed. Pkt. 15c.

## Grevillea (Silk Oak)

Handsome greenhouse plants, 4 or 5 feet.

**935. ROBUSTA.**—A beautiful variety of table decoration. Graceful, fern-like foliage. Pkt. 10c.



Gaillardia

## Geranium

(Pelargonium)

The well known and popular tender perennial in such demand for bedding, window boxes and indoor culture 1 to 2 feet.

**885. ZONALE VARIETIES.**—Saved from a splendid collection containing many splendid varieties. Pkt. 15c.

## Helichrysum

(Straw Flower)

Hardy annual everlastings with straw-like flowerheads. Height 1 to 2 feet.

**950. MONSTROSUM MIXED.**—Flowers of several rich colors. May be dried by hanging with flowerheads down, and are much used in winter bouquets. Pkt. 10c.

## Honesty (Lunaria Biennis)

An easily grown hardy biennial which is admired for its silvery seed pouches, which are used in winter bouquets of dried flowers.

**1015. MIXED COLORS.**—Containing white, pink and purple; height 2 feet. Pkt. 10c.



Godetia

## Heliotrope (Cherry Pie)

A delightfully fragrant perennial which blooms the first year from seed. Extensively used for beds and borders. 1½ to 2 ft

**955. CHOICE MIXED.**—A fine selection of the best varieties. Pkt. 10c.

**956. REGALE.**—An improved and magnificent variety of dwarf, giant-flowered Heliotrope. The plants are of bushy, compact form and the large masses of bloom are of surpassing beauty and fragrance. Without doubt the largest and finest of all Heliotropes. Pkt. 15c.

**960. LEMOINES GIANT HYBRIDS.**—An unusually floriferous strain, bearing immense flower heads of great beauty and delightful fragrance. Pkt. 10c.

## Incarvillea

(Hardy Gloxinia)

Though not a true Gloxinia this hardy perennial greatly resembles the well-known greenhouse favorites. The blooms are freely produced all through the summer.

**1030. DELAVAYI.**—Rich rose flowers with deep yellow throats, spotted and streaked with purple. Pkt. 15c.



Hunnemannia

## Humulus

(Japanese Hop)

Favorite hardy annual climber growing 12 to 15 feet high. Desirable for covering fences or shading verandahs.

**1020. JAPONICUS VARIEGATUS.**—Strong and rapid grower, with beautiful foliage distinctly marked and variegated with silvery white. Pkt. 10c.

## Hunnemannia

(Giant Yellow Tulip Poppy)

Decidedly the best of the Poppy family for cut flowers, as the blooms remain in good condition for several days.

**1025. FUMARIAEFOLIA.**—Flowers are a rich shade of buttercup yellow, with feathery, glaucous foliage. Plants will flower in July from seed sown in May. Blooms continuously till frost. Perennial. Pkt. 10c.



Heliotrope Regale





Hollyhock—Chaters Double

## Linaria (Toadflax)

A quick-growing, free-flowering hardy annual with varied and beautiful flowers like miniature Snapdragons. Flowers last well when cut and are very suitable for bouquets and table decoration. They bloom in 40 to 50 days from seed and flower continuously for 3 to 4 months. Also suitable for pot culture indoors in winter.

1085. **MAROCCANA.**—Fine mixture of many bright colors. Easily grown and quick to bloom. Pkt. 10c.

1090. **MAROCCANA EXCELSIOR.**—A splendid improvement on the above in exquisite shades of white, yellow, orange, pink, crimson and lilac. Choicest mixed. Pkt. 10c.



Linaria Excelsior

## Hollyhock (Althæa Rosea)

The Hollyhock is one of those stately, old-fashioned favorites without which no garden is complete. For a background to a flower garden or perennial border there is nothing better. Height 5 to 8 feet.

### Chaters Double Varieties

This is the finest procurable strain of Hollyhock and will be found unexcelled for beauty of form and clearness of coloring. The large, full double flowers are beautifully set like rosettes around the vigorous growing flower stalks.

- |                                                                                                                                                                               |           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 965. CHATERS DOUBLE WHITE.....                                                                                                                                                | Pkt. 10c. |
| 970. CHATERS DOUBLE PINK.....                                                                                                                                                 | Pkt. 10c. |
| 975. CHATERS DOUBLE ROSE.....                                                                                                                                                 | Pkt. 10c. |
| 980. CHATERS DOUBLE CRIMSON.....                                                                                                                                              | Pkt. 10c. |
| 985. CHATERS DOUBLE SULPHUR YELLOW.....                                                                                                                                       | Pkt. 10c. |
| 990. CHATERS DOUBLE BRIGHT SCARLET.....                                                                                                                                       | Pkt. 10c. |
| 995. COLLECTION.—Containing 1 packet each of the above six colors.....                                                                                                        | 50c.      |
| 1000. CHATERS DOUBLE MIXED.—A splendid mixture of all the best colors...                                                                                                      | Pkt. 10c. |
| 1005. DOUBLE GOOD MIXED.....                                                                                                                                                  | Pkt. 10c. |
| 1010. SINGLE ALLEGHENY MAMMOTH.—Petals beautifully laced and fringed, very robust habit and enormous flowers measuring 5 inches across. Splendid rich colors. Choicest mixed. | Pkt. 10c. |

## Larkspur

One of the most popular garden annuals. It produces a pleasing effect wherever used and the slender flower stalks, when cut, are most desirable for use as cut bloom. Seed should be sown outdoors in spring where plants are to flower or, for earlier blooming, seed may be started indoors and transplanted later to the open ground.

1045. **GIANT HYACINTH FLOWERED.**—Flowers very double, borne on spikes about fifteen inches long. Hardy annual, 2 feet high. Our strain is an extra choice collection containing all the best colors in mixture. Pkt. 10c.

- |                             |           |
|-----------------------------|-----------|
| 1050. BRANCHING LIGHT BLUE. | Pkt. 10c. |
| 1055. BRANCHING DARK BLUE.  | Pkt. 10c. |
| 1060. BRANCHING ROSE.       | Pkt. 10c. |
| 1065. BRANCHING WHITE.      | Pkt. 10c. |
| 1070. BRANCHING FINE MIXED. | Pkt. 10c. |

Current River, Port Arthur, Ont.

I am absolutely satisfied with the results from your seeds. I may mention the Cauliflower and Carrots were especially fine and the Cucumbers were wonderfully prolific and a fine quality.

REG. COX



Larkspur

## Kochia (Burning Bush)

The Burning Bush, or Summer Cypress as it is sometimes called, is a very useful annual of unusually rapid growth, which forms compact little bushes of 2 to 3 feet in height. Makes a splendid summer hedge.

1040. **TRICOPHYLLA.**—Foliage clear bright green in summer changing in autumn to a fiery crimson hue. Fine compact strain. Pkt. 10c.

### Jacobea (Senecio)

Very showy, free-flowering annual. Good for borders or pots.

1035. **ELEGANS DOUBLE.**—Richly colored flowers including white, lilac, crimson and dark purple. All colors mixed. 1½ feet high. Pkt. 10c.



Kochia



## Lavatera (Annual Mallow)

A very beautiful and showy hardy annual, about 2 feet high.

1075. **ROSEA SPLENDENS**.—One of the most striking varieties of recent introduction bearing magnificent flowers of a beautiful rosy pink. The blooms remain in full beauty for a long period which makes them valuable for cutting. Pkt. 10c.

## Leptosyne (Yellow Marguerite)

A beautiful annual of bushy, compact habit, blooming very quickly from seed.

1080. **STILLMANNI**.—A fine yellow flower from California growing about 1 foot high. The numerous flower stems are crowned with golden yellow blossoms of elegant shape and about 2 inches in diameter. This fine Leptosyne blooms in about six weeks from seed and will be found excellent for cut flowers. Pkt. 10c.

## Linum (Flax Flower)

A splendid hardy perennial bearing a profusion of bright blue flowers during August and September.

1095. **PERENNE**.—The best flowering strain of the perennial flax. Height 2 feet. Pkt. 10c.

## Lobelia

For edgings, beds, baskets and window-boxes there is nothing prettier than Lobelias. They make a splendid combination when used as an edging for a bed of white flowers. Hardy annuals which should be started indoors and transplanted for best results.

1100. **CRYSTAL PALACE COMPACTA**.—Flowers deep blue in color. Dwarf compact habit, 6 inches. Ours is a specially select strain saved only from cuttings. Pkt. 10c.

1105. **ROYAL PURPLE**.—Rich purple blue with white eye, 6 inches. Pkt. 10c.

1110. **GRACILIS**.—Plant is of trailing habit with dainty blue flowers. This is the variety to use for window boxes or hanging baskets. Pkt. 10c.

1115. **CARDINALIS**.—A perennial variety. Height 4 feet. Flowers bright crimson borne on long spikes. Pkt. 10c.

## Love Lies Bleeding

(Amaranthus)

A fine, easily grown annual with long, drooping, chenille-like tassels of crimson colored tassels.

1120. **CAUDATUS**.—Very effective in borders or shrubberies. Height 3 feet. Pkt. 10c.



Lavatera—Rosea Splendens

## Lupins (Lupinus)

Hardy annual and perennial plants of easy culture. Very effective in beds and borders.

1125. **TALL ANNUAL VARIETIES MIXED**.—Valuable for mixed flower borders and beds and very easily grown. The pea-shaped flowers are borne on long graceful spikes in a good variety of colors. Pkt. 10c.

1130. **POLYPHYLLUS**. Mixed.—Showy plants of great value for massing or grouping in the perennial border. They grow 4 feet high and make a splendid background for other flowers. Fine range of colors including blue, white, rose and carmine. Hardy perennial. Pkt. 10c.

1135. **ARBOREUS**. (Tree Lupines).—Hardy perennials growing to handsome, low bushy trees. 4 feet. Pkt. 10c.

## Lychnis (Jerusalem Cross)

A splendid hardy perennial of easy culture, which does well in any soil.

1140. **CHALCEDONICA**.—A favorite flower in the herbaceous border, bearing bright, orange scarlet, flower heads. Bloom all summer. 2 feet. Pkt. 10c.

## Malope (Mallow)

Beautiful free-flowering, hardy annuals; very showy and fine for cutting. 2 feet.

1145. **GRANDIFLORA MIXED**.—Containing all shades of rose, crimson and white. Pkt. 10c.



Lobelia

## Marigold (Tagetes)

Marigolds enjoy a well-deserved popularity by reason of their free-flowering habit and ease of culture. They bloom quickly from seed and are among the most effective annuals for beds or mixed borders.

1164. **AFRICAN MIXED**.—This is a splendid selection of the tall African Marigold. Plants grow 18 inches and produce large, densely double flowers of great beauty. Pkt. 10c.

1165. **FRENCH DWARF GRANDIFLORA**.—Very fine, large, striped flowers, beautifully formed. Plants dwarf, compact and free-flowering. Pkt. 10c.

1175. **FRENCH DWARF LEGION OF HONOR**.—A very beautiful, single dwarf variety bearing bright yellow flowers with a distinctive crimson blotch on each petal. Splendid for bedding. Pkt. 10c.

1174. **FRENCH DWARF MIXED**.—A superb mixture of all the best dwarf varieties in fine, rich colors. Pkt. 10c.



Lupins

## Matthiola

(Night Scented Stock)

A deliciously fragrant, hardy annual easy culture. Height 1 foot.

1180. **BICORNIS**.—This flower, though not showy, should be in every garden for its delightful odour. During the day it is scentless, but towards evenings its flowers open, exhaling a most delicate fragrance. Pkt. 10c.

## Mimulus (Musk Plant)

Mimulus Moschatus is the well-known Musk Plant, which is so well liked on account of the powerful musky odour exhaled by the leaves. Though a true perennial it can be easily and quickly grown from seed and will flower first season.

1225. **MOSCHATUS**.—The true, sweet scented variety so much grown in pots and hanging baskets. Bears an abundance of primrose yellow flowers but usually grown for the fragrance of the foliage. Pkt. 10c.



African Marigold





Mignonette, Machet

## Moonflower

(Evening Glory)

A luxuriant, rapid growing climber with numerous, large flowers of delicious fragrance.

**1230. BONA NOX.**—Beautiful, violet-blue flowers borne in great profusion. Blooms grow 5 to 6 inches in diameter and are very fragrant. Pkt. 10c.

## Morning Glory

(Convolvulus)

Popular annual climber of easiest culture and suitable for growing on verandahs, arbors, fences, trellis, etc.

**1235. IMPERIAL JAPANESE.**—This species produces extremely handsome flowers often measuring 3 inches or more across. There are endless variations of color marking and the blooms are borne in greatest profusion. This strain is superior in every way to the common Morning Glory. 10 to 15 feet. Pkt. 10c.

**1240. TALL MIXED.** (Convolvulus Major).—This is the well-known climbing Morning Glory so popular wherever flowers are grown. Quick growing annual climber. 10 to 15 feet. Oz. 20c; Pkt. 10c.

**1245. DWARF MIXED.** (Convolvulus).—A dwarf growing variety of the above. Very attractive little plants growing 10 to 20 inches high. Flowers large as the climbing sort but remain open all day. Oz. 20c; Pkt. 10c.

## Nigella

(Love in a Mist)

Lovely hardy annuals growing in beautiful bushes, 12 to 18 inches high. The large double flowers nestle in the finely cut, fern-like green foliage and produce the charming effect which gives the plant its popular name of "Love-in-a-Mist."

**1345. HISPANICA ALBA.**—A charming, pure white variety growing 18 inches high. Blooms quickly from seed. Pkt. 10c.

**1350. MISS JEKYLL.**—One of the most attractive hardy annuals giving an abundance of long-stemmed flowers, which are of a clear, cornflower blue, prettily set in slender, elegant foliage. Pkt. 10c.

## Mignonette (Reseda)

One of the most popular garden annuals, being easy to grow, quick to flower and deliciously fragrant. The newer varieties have all the charm and perfume of the older sorts while being great improvements in size, shape and color of bloom. Though quite hardy they yield readily to greenhouse or conservatory culture and can easily be grown in pots for winter or early spring flowering.

**1185. GIANT MACHET.**—A greatly improved strain of this fine variety. Deep red flower heads. Extra select stock. Pot saved. Pkt. 15c.

**1190. MACHET.**—A fine, compact growing variety which is very popular for greenhouse culture. Pkt. 10c.

**1200. ALLEN'S DEFIANCE.**—When grown under favorable conditions, the spike grows 12 to 15 inches long. The flowers are of immense size forming a graceful as well as compact spike of extraordinary keeping qualities retaining their grace and fragrance till every bud opens. Pkt. 10c.

**1205. WHITE PEARL.**—This desirable novelty is like Machet, hardy and compact, with great wealth of blossom. Flowers are thick, long, well-rounded, and clear white in color. A good percentage comes true from seed. Pkt. 15c.

**1210. SWEET SCENTED.**—The common Sweet Mignonette. Very fragrant and a great favorite. Pkt. 10c.

**1215. IMPROVED LARGE FLOWERING.**—A choice selection bearing large, sweet scented flowers. Pkt. 10c.

**1220. CRIMSON GIANT.**—A splendid, new selection bearing immense, crimson spikes. Pkt. 10c.

## Matricaria

(Bridal Rose)

Free-flowering; abundance of showy, double white flowers.

**1187. DOUBLE WHITE.**—Blooms quickly from seed. Pkt. 10c.



Matricaria, Double White

## Nemesia

Very pretty annuals growing 5 to 8 inches high in compact, bush form. They bloom freely and continue in bloom all summer bearing myriads of brilliantly colored flowers.

**1315. STRUMOSA SUTTONI.**—Colors range from glowing vermilion and orange scarlet to the most brilliant shades of rosy purple, the great variety of color being one of the most interesting features of this strain. This is one of the most beautiful annuals ever introduced having been greatly improved both in size and color. Height 15 inches. Pkt. 25c.

**1320. WHITE GEM.**—This popular dwarf, compact strain is very beautiful for edgings or pot culture. In recent years the flowers have been greatly improved in both size and color. Our seed comes from one of the most famous British growers. Pure white. Pkt. 10c.

**1325. BLUE GEM.**—Similar to the foregoing but flowers are of a clear Forget-Me-Not blue, and plants are equally compact and free flowering. Pkt. 10c.

### SEEDS THAT SATISFY

Wales, Ont.

I have been using your seeds for many years and they have given me entire satisfaction.

Your vegetable and flower seeds could not be excelled.

W. E. MURRAY

## Nicotiana

(Flowering Tobacco)

Handsome garden varieties of tobacco with beautiful flowers of various brilliant colors. They are all deliciously fragrant and very floriferous. Annual.

**1330. AFFINIS CHOICE HYBRIDS.**—Fine variety of bright colors. Very fragrant. 2 feet. Pkt. 10c.

**1335. SYLVESTRIS.**—A handsome plant of pyramidal habit, with long, tubular, pure white flowers borne in dense panicles. This variety remains fully expanded all day as well as in the evening. Height 4 to 6 feet. Pkt. 10c.

**1340. SANDERAE HYBRIDS MIXED.**—These lovely hybrids are a choice selection containing 8 different colors ranging from pure white to deep scarlet. Blooms all summer 3 feet. Pkt. 10c.

## Nemophila

(Love Grove)

Splendid hardy annuals for bedding or borders and specially suitable for moist, shady situations. Cup shaped flowers in many bright colors. 1 foot.

**1355. FINEST MIXED.**—A choice selection containing white, rose, blue, purple and violet shades. Pkt. 10c.



Morning Glory



## Nasturtium (Tropæolum)



Dwarf Nasturtium

### Dwarf Varieties

**1255. QUEEN OF TOM THUMB.**—Compact, bushy habit; intensely free blooming. Flowers rich brilliant crimson with beautifully variegated foliage. Very showy and distinct. Oz. 25c; Pkt. 10c.

**1260. EMPRESS OF INDIA.**—This has been justly described as a sensational variety of account of the vivid contrast between the dark, bluish-green leaves and the intense orange scarlet flowers. Oz. 25c; Pkt. 10c.

**1265. CRYSTAL PALACE GEM.**—Pale sulphur with carmine spot. Green foliage. Oz. 25c; Pkt. 10c.

**1275. KING THEODORE.**—A handsome variety with deep crimson flowers and dark foliage. Oz. 25c; Pkt. 10c.

**1290. DWARF FINE MIXED.**—A splendid selection of all the best strains and colors including variegated leaved sorts. Oz. 20c; Pkt. 10c.

CANNOT BE EXCELLED.

Athens, Ont.

"I have used your Tested Seeds for the past five years, with always the greatest satisfaction. Your Sweet Peas and Asters cannot be excelled for profusion of blooms."

PHILIP H. ROBESON



Nicotiana

Few plants have so many fine qualities to recommend them as the Nasturtium. They are easy to grow, quick to bloom and flower through the entire season. They do well in any soil but prefer a well-drained, sunny position.

They bloom within a few weeks from sowing, and from then till frost comes there is an endless profusion of their gorgeous blossoms. The dwarf sorts are popular for bedding, while the tall varieties are useful for covering trellises or fences.

### Tall Varieties

**1310. MADAME GUNTHER'S TALL HYBRIDS.**—A new strain of French origin, most remarkable for the wide range of exquisite colors, including pink, purple, rose, salmon, light yellow, dark maroon and deep orange. All colors mixed. Oz. 25c; Pkt. 10c.

**1300. TALL MIXED.**—This mixture contains all the best colors among the tall-growing sorts, and is just the thing for growing on verandahs, trellis or fences. All colors mixed. Oz. 20c; Pkt. 10c.

### Oenothera

#### Evening Primrose

Old favorite hardy annuals of free flowering habit. Flowers are large, showy and abundantly produced.

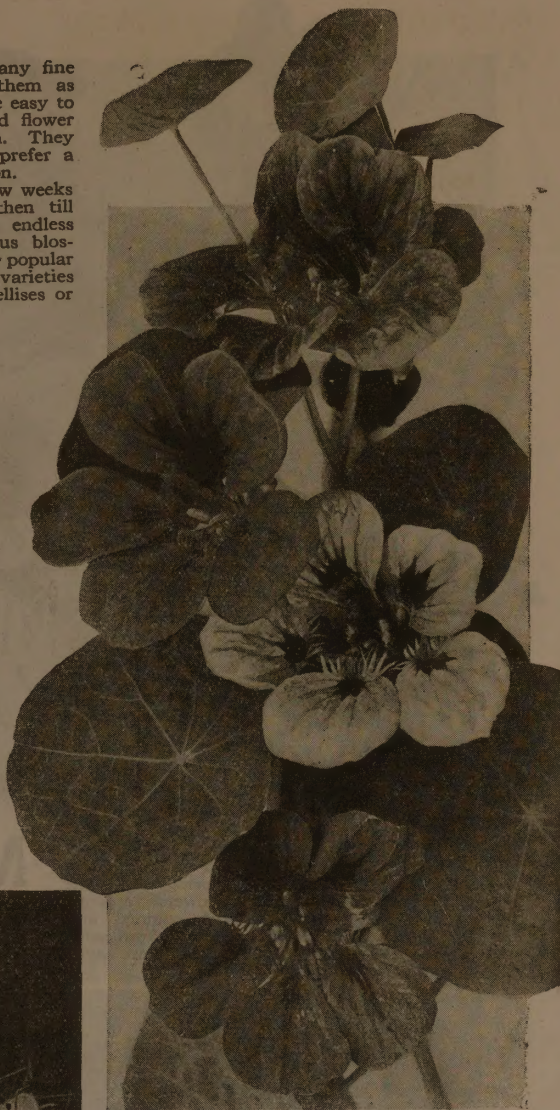
**1360. FINEST MIXED.**—A carefully selected strain containing all the best colors. Pkt. 10c.



### Nigella—Miss Jekyll

**1845. NEW RED SUNFLOWER.**—One of the most striking and brilliant of recent novelties. It is a true annual Sunflower but bears numerous handsome, dark-centred flowers banded with bright chestnut red merging to yellow at the tips of the petals. When cut with long stems they make a magnificent decorative cut flower and show to great advantage under artificial light. Not all of the plants come true from seed but by discarding all the seedlings which show no purple in stem or leaf, the common yellows will be eliminated. They are as easily grown as any other Sunflower and bloom in about 8 weeks from seed. Give them a sunny position and set them 3 feet apart as they are of free branching habit and bloom profusely. Pkt. 15c.

**1840. MAMMOTH RUSSIAN GIANT.**—A handsome, tall growing variety with large, bold flowers. Oz. 20c; Pkt. 10c.



Tall Nasturtium

## Sunflower (Helianthus)

Grand and stately decorative plants producing great masses of yellow flowers. Their luxuriant growth and the size and brilliance of their flowers make them very effective and useful for backgrounds of borders and beds. Sow seed in the open ground where the plants are to bloom, and thin out to stand from 12 to 18 inches apart. These improved, modern types of Sunflower are really gorgeous in their brilliant color and many of the smaller flowering varieties are excellent for cutting. Annuals.

**1825. DOUBLE CALIFORNIAN.**—A splendid double variety growing from 3 to 5 feet high. It produces magnificent heads of golden-yellow and comes into bloom in early summer, keeping up a constant succession of flowers till frost. Pkt. 10c.

**1830. STELLA.** (Improved Miniature Sunflower). This fine single variety grows only 3 feet high and bears a profusion of fine bloom 3 inches across. Flowers are rich, golden yellow with black disc, and are borne on long stems rising well above the small, green foliage. Splendid for cutting. Oz. 60c; Pkt. 10c.

**1835. PRIMROSE or SULPHUR GEM.**—A distinct and beautiful variety of free-blooming habit. The ray florets are primrose colored while those of the disc are dark. Particularly useful for cutting. Pkt. 10c.





**1435. McDONALD'S ROYAL EXHIBITION MIXTURE.**—This superb strain is our finest mixture as to size, texture and coloring, and is the result of many years selection. Flowers are large, finely curled and richly colored, stained and blotched varieties. Our Seed is saved from some of the best prize collections and all seeds are saved direct from prize plants. Pkt. 35c.

## McDonald's Superb Pansies

Pansy seed is one of our leading specialties and the fine strains we offer are recognized as the best procurable. The large size heavy texture and strong stems have been developed through years of careful selection by some of the world's most famous specialists.

The finest, large flowered varieties are invariably very shy seeders, hence really good seed is always more expensive. Those desiring the very best in Pansies will do well to order the higher priced packets.

**1370. GIANT TRIMARDEAU WHITE.**—Pure white with a violet blotch on the three lower petals. Pkt. 10c.

**1375. GIANT TRIMARDEAU YELLOW.**—A splendid, pure yellow variety. Pkt. 10c.

**1380. GIANT TRIMARDEAU MIXED.**—Large flower of rich and varied shades, distinct and beautiful. The rich coloring of the handsome blooms makes this one of our most popular Pansies. Pkt. 10c.

**1385. PEACOCK.**—Quite distinct from all other varieties because of their beautiful form and pronounced markings. Upper petals are a beautiful, peacock blue shading off to velvety maroon and crimson. Pkt. 15c.

**1390. MASTERPIECE.**—A splendid class of blotched pansies with large blooms measuring three inches in diameter. The range in color is very great with rich, dark velvety shades predominating. They are bordered, blotched and marked in ray like veinings with contrasting colors. The form is distinct from other pansies, the border of each petal being conspicuously curled and waved, giving the flower a double or globular appearance. Pkt. 25c.

**1395. ODIERS FINE BLOTCHED.**—A superb pansy in every way and one of the finest in beauty of color and perfection of form. The rich colors and distinct markings greatly enhance the general effect. Pkt. 10c.

**1400. MADAME PERRET.**—Known as "The Wine Pansy" as the shades are mostly wine, pink and red, beautifully veined and marbled. Flowers are large and beautifully outlined with a white margin. The petals are distinctly frilled and waved. Pkt. 10c.

**1405. ORCHID.** (Cattleya-Flowered).—This is a delightful selection of large flowers and quaint shapes. It contains beautifully delicate shades of lavender and mauve with pleasing light tones of yellow and red. Pkt. 15c.

**1425. LARGE FLOWERING BRIGHT RED.**—A new selection of large flowered pansies, bright cardinal in color. Pkt. 15c.

**1430. BUGNOT'S BLOTCHED.**—A French strain having broad blotches of contrasting color. The upper petals are finely lined and the great diversity of rare shades makes this selection a favorite. Pkt. 15c.

**1440. PARK BEDDING MIXTURE.**—This is a medium priced mixture which contains a good variety of rich coloring. Flowers are of good substance with thick velvety petals and are borne on good, stiff stems. Pkt. 10c.

**1445. FINE MIXED.**—Fine varieties in all the best colors. Pkt. 10c.

PERFECTLY SATISFIED.

Richmond, Ont.

"I have bought many of your Garden and Flower Seeds also Bulbs, and they have given me good satisfaction."—E. W. GARLAND.

## Everlasting Pea (Lathyrus Latifolius)

A hardy herbaceous, perennial climber flowering in profusion from July till September. Flowers resemble those of the Sweet Pea, but lack their fragrance. Fine for cutting. Height 6 to 8 feet.

**1450. EVERLASTING WHITE.**—Pure glistering white. Pkt. 10c.

**1455. EVERLASTING RED.**—Bright red. Pkt. 10c.

**1460. PINK BEAUTY.**—Rosy pink delicately shaded. Pkt. 10c.

**1465. MIXED.**—All colors. Oz. 25c; Pkt. 10c.



Fine Mixed Pansies



## Poppy (Papaver) Annual Varieties

The annual Poppies are valuable for their continuous, free-blooming habit. Both single and double varieties bloom in great profusion throughout the summer, and if the flowers are kept cut and no seed pods allowed to form, the blooming season may be greatly prolonged. Poppies do not transplant well so seed should be sown where the plants are to bloom.

**1575. SNOWDRIFT.**—A splendid pure white, double poppy growing 2 to 3 feet high. Easy to grow and fine for cutting. Pkt. 10c.

**1580. CARNATION FLOWERED DOUBLE.**—Large, showy, double flowers comprising a varied range of beautiful colors. Pkt. 10c.

**1585. PAEONY FLOWERED MIXED.**—One of the most satisfactory of the double poppies, bearing large, handsome flowers resembling a double Paeony. The showy blooms are full, globular shape and produced very freely. All colors mixed. Pkt. 10c.

**1590. THE ADMIRAL.**—A single variety of distinctive coloring having large flowers with smooth edged petals. The flowers are pure, glistening white with a broad band of brilliant scarlet around the top. The two colors form a striking contrast and produce a magnificent effect when planted in groups. Pkt. 10c.

**1595. DANEBROG or DANISH CROSS.**—The flowers of this variety are composed of four large, brilliant scarlet petals with a silvery white spot at the base of each forming a distinct, white cross. Pkt. 10c.

**1600. McDONALD'S SUPERB SHIRLEY.**—The most popular type of annual poppy with delicate colors ranging from pure white to pink, rose, lavender, red and crimson, while many are daintily edged and striped with varying colors. The petals appear as if made from fine crepe paper, being softly crinkled like ruffled satin. Our special strain is of unusual beauty and has been carefully selected from the stock of the original nominator, the Rev. W. Wilks, Secretary to the Royal Horticultural Society. Oz. 75c; ¼ oz. 25c; Pkt. 10c.

## Perennial Varieties

For a gorgeous display of color, the perennial poppies are not surpassed by any other hardy plant. Oriental Poppies are the largest of all, growing 3 feet high with immense flowers.

The Nudicaule varieties (Iceland Poppies) grow only 1 foot high and their dainty form and exquisite coloring make them very desirable border plants. They bloom all summer and make splendid cut flowers being quite fragrant.

**1610. ORIENTAL QUEEN ALEXANDRA.**—A new poppy which has already become a favorite. The color is a unique, bright rosy salmon with a conspicuous crimson blotch. Pkt. 10c.

**1605. ORIENTAL MRS. PERRY.**—A fine variety with immense flowers of a beautiful shade of soft, salmon pink. Pkt. 15c.

**1615. ORIENTAL HYBRIDS MIXED.**—A splendid mixture saved from the finest named varieties. Contains many colors and types of the largest flowered sorts. Pkt. 10c.

**1620. BRACTEATUM.**—This is the true, deep crimson strain of Oriental Poppy. Grows 3 feet high with very large flowers. Pkt. 10c.

**1625. NUDICAULE WHITE.**—Clear glistening white. Pkt. 10c.



Portulaca, Double Mixed

## Portulaca (Sun Plant)

A splendid hardy annual notable for its sun loving habit. The hotter and drier the summer, the better it thrives. It is easily grown and produces wonderful masses of brilliant bloom in great profusion over a long season. Give it an exposed sunny situation in light, rich loam and it will delight you with a luxuriance of richly colored flowers.

**1650. SINGLE MIXED.**—The single varieties are favorites for the clear brilliance of their colors. All colors mixed 6 inches. Pkt. 10c.

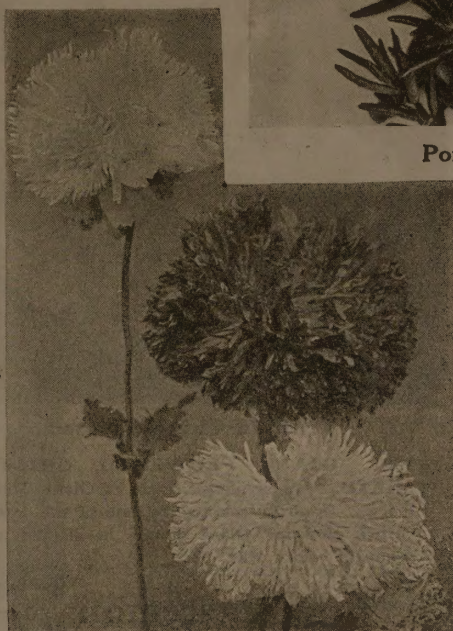
**1655. DOUBLE MIXED.**—This splendid strain produces a large percentage of showy, perfectly double flowers in brilliant shades of primrose, scarlet, white and yellow. All colors mixed. Pkt. 10c.

## Pyrethrum (Feverfew)

These two varieties of Pyrethrum are entirely distinct from each other. Hybridum is the popular hardy perennial known as Painted Daisy, while Aureum is the well-known Golden Feather so much used for edgings and carpet bedding.

**1680. HYBRIDUM.**—One of the handsomest herbaceous plants producing a brilliant display of variously-colored, Aster-like flower heads. It grows 2½ feet high and the flowers are splendid for cutting. Single hybrids mixed. Pkt. 10c.

**1675. PARTHENIFOLIUM AUREUM.**—Bright yellow foliage. Perennial, though usually grown as an annual. Pkt. 10c.



## Poppy, Carnation Flowered

**1630. NUDICAULE YELLOW.**—The yellow Iceland Poppy. Pkt. 10c.

**1635. NUDICAULE ORANGE SCARLET.**—This reddish orange variety is the nearest to scarlet yet attained in this species. Pkt. 10c.

**1640. NUDICAULE MIXED.**—Very select mixture containing new hybrids in addition to the colors offered above. Pkt. 10c.

**1645. NUDICAULE F1. P1. (Double Iceland Poppy).**—These charming double varieties are as easily grown as the single and are becoming quite popular. All colors mixed. Pkt. 15c.



Poppy, McDonald's Superb Shirley



## Phlox Drummondii (Texas Pride)

An exquisite class of annuals embracing a wide range of brilliant colors, and producing a lavish profusion of bloom. The grandiflora varieties form a magnificent class and the flowers have in many cases large, conspicuous, white eyes. They are easily grown from seed and quick to bloom. Few plants give such a brilliant display of color for so little cost and care. They prefer a light rich soil and should be set not less than 12 inches apart.

1520. **GRANDIFLORA ALBA.**—Pure white with handsomely rounded petals, height 1 foot. Pkt. 10c.

1525. **GRANDIFLORA COCCINEA.**—True scarlet, very fine. Pkt. 10c.

1530. **GRANDIFLORA CHAMOIS ROSEA.**—Beautiful rose shade with orange eye, height 1 foot. Pkt. 10c.

1535. **GRANDIFLORA ISABELLINA.**—Charming primrose yellow with garnet eye. Pkt. 10c.

1540. **GRANDIFLORA CHOICEST MIXED.**—A splendid mixture of all the largest flowered varieties including every known shade in the Grandiflora section. Many are distinctly marked with contrasting eyes in the centre of the flower. We consider it unexcelled for producing rich masses of brilliant bloom. Pkt. 10c.

1545. **NANA COMPACTA APRICOT.**—Dwarfer than the preceding varieties growing only 6 to 8 inches high. Lovely rosy apricot flowers. Pkt. 10c.

1550. **NANA COMPACTA SNOWBALL.**—A companion variety to the above having charming snow white flowers. Pkt. 10c.



## Perennial or Hardy Phlox

Among the finest herbaceous plants for beds and borders, the Hardy Phlox fills an important place as it begins flowering in late summer when many other flowers are fading. Right up till frost they make the garden bright with their large trusses of brilliant bloom. A peculiarity of the seed is that it sometimes takes several months to germinate. Height 2 to 3 feet.

1555. **CHOICEST MIXED.**—Specially fine strain saved from best exhibition varieties only. Pkt. 10c.

## Primula (Primrose)

The Chinese Primrose is the most free-flowering pot-plant for growing indoors in winter. It does well in a cool room and will even bloom freely in a north window. They are easily grown from seed if sown on light-porous soil and kept moist always—neither wet nor dry at any time.

1670. **OBCONICA GRANDIFLORA.**—A fine variety blooming easily from seed. It is exceedingly floriferous bearing almost the whole year round. Pkt. 25c.

1665. **STELLATA MIXED.**—A greatly improved strain of the charming Star Primulas, the flowers being larger and the petals more solid than in the older strains. Very free-blooming. Pkt. 25c.

1667. **MALACOIDES.**—Beautiful, light lilac of distinct, branching habit. One of the finest new varieties for house culture but quite distinct from the Chinese varieties, the flowers being smaller and more numerous. Pkt. 25c.



## Primula Chinese Mixed

1660. **GIANT FLOWERED CHINESE MIXED.**—A magnificent strain of Giant Chinese Fringed Primrose selected by one of the leading British growers. Giant flowers in all the most beautiful colors. Pkt. 35c.

## Pentstemon (Beard Tongue)

While this is a true herbaceous perennial it is not sufficiently hardy to survive our winters. They are usually grown as half hardy annuals as they bloom profusely first season if sown in heat during February or March. They grow 2 to 3 feet high in pyramidal, bush form, with erect branches thickly set with large, Gloxinia shaped flowers.

1475. **LARGE FLOWERED HYBRIDS MIXED.**—An improved large flowering strain, containing lovely shades varying from pure white, pink, rose and crimson to mauve and purple. Clear, bright colors. Pkt. 10c.



Pentstemon



## Petunia

The Petunia is one of our finest annuals for summer bedding, as they have such a long season of bloom. They flower from early spring right on through summer till frost. They are quite easy to grow and produce a charming diversity of color. Given a sunny position and good soil they will produce a constant succession of large, brilliantly colored blooms.

**1490. ROSY MORN.**—A particularly fine Petunia of compact growth, covered with beautiful flowers. The throat is silvery white, while the edge is heavily flushed with soft, rosy pink. Pkt. 10c.

**1495. SNOWBALL.**—A pure, satiny-white variety—very compact in growth. Its free blooming habit makes it particularly suitable for bedding or pot culture. 8 inches. Pkt. 10c.

**1500. PRIZE DOUBLE MIXED.**—This is the finest strain of double Petunia, producing large double blooms of finest form and coloring. Seed of the best strains of double Petunia is always high in price as it can only be produced from flowers which have been carefully hybridized by hand. Our strains produce from 25 to 40 per cent of double flowers the balance being singles of exceptionally fine quality. The weaker seedlings should be carefully saved as they invariably produce the finest double flowers. The strong seedlings usually yield only single flowers, while the weaker ones produce large, double, fringed blooms blotched and striped in finest colors. Pkt. 35c.

**1505. GIANTS OF CALIFORNIA.** (Re-selected strains).—This new Giant Flowered selection embraces every shade of crimson, white, violet and lavender. The blooms measure 4 to 5 inches across and are beautifully ruffled and fringed. The colors are marked with a superb variety of gorgeous veinings, blotches and stripes. Pkt. 25c.

**1510. LARGE SINGLE FRINGED.**—Large flowers saved from a superb strain of the most beautiful striped and blotched varieties, with elegantly waved petals and fringed edges. Very select strain. Mixed colors. Pkt. 20c.

**1515. SINGLE MIXED.**—Large flowered hybrids in great variety of colors including striped and blotched flowers from select strains. All colors mixed. Pkt. 10c.

## Perilla

Half hardy annuals, grown for their beautiful, ornamenta foliage. Splendid for beds. 18 inches.

**1480. NANKINENSIS.**—Rich bronze-gold colored foliage. Pkt. 10c.

**1485. CRISPA.**—Dwarfer than Nankinensis with large leaves of a rich bronze color. Prettily crimped foliage. Pkt. 10c.

## Physalis (Chinese Lantern Plant)

Bushy plants producing baloon-like husks which turn red when ripe and resemble Chinese paper lanterns. Perennials; 18 inches.

**1560. FRANCHETI.**—A greatly improved variety, the rich red fruits being three times the size of the ordinary sorts. Pkt. 15c.

## Platycodon (Chinese Bell Flower)

A splendid hardy perennial which blooms first year from seed, flowering in August from March sowing. They form large clumps and are excellent for planting in permanent borders or among shrubbery. The showy, bell-shaped flowers are produced profusely all season. Also known as Wahlenbergia.

**1565. GRANDIFLORA BLUE.**—Large, steel-blue flowers. Pkt. 10c.

**1570. GRANDIFLORA WHITE.**—Fine pure white variety. Pkt. 10c.



Giants of California

## Ricinus (Castor Oil Plant)

Ornamental annual plants of stately growth and picturesque foliage. They grow very quickly and soon attain gigantic proportions. For sub-tropical effect on lawns and as centre plants for large beds, they are particularly suitable. Seed should be started indoors and plants set out in early June.

**1685. GIBSONII.**—Foliage dark purplish green. Height 6 feet. Oz. 20c; Pkt. 10c.

**1695. BORBONIENSIS.**—Extra fine sort with handsome dark green foliage, 6 to 10 feet. Oz. 20c; Pkt. 10c.

**1700. CAMBODIENSIS.**—Large, palm-like leaves of dark bronze maroon; stalk and stem nearly black. Oz. 20c; Pkt. 10c.

**1690. ZANZIBARENSIS.**—Each plant makes a perfect pyramid of foliage with gigantic leaves, and attains a height of six to ten feet. The immense, beautifully colored leaves will often measure over 2½ feet across. Green, bronze and purple mixed. Oz. 20c; Pkt. 10c.

## Sweet Rocket (Hesperis)

A favorite old fashioned perennial, bearing beautiful racemes of lilac and white flowers.

**1705. FINE MIXED.**—All shades of this early blooming perennial. Fragrant flowers, 2 to 3 feet high, freely produced from May till July. Pkt. 10c.

## Rudbeckia (Cone Flower)

These robust growing plants are very popular for border decoration. They are easily grown and produce showy flowers from July till frost.

**1715. BICOLOR SUPERBA.**—Hardy annual, 18 inches. Flowers semi-double, spotted dark brown on yellow ground with twisted petals. Fine for cutting. Pkt. 10c.

**1720. FULGIDA VARIABILIS.**—Fine new hybrids of this free-blooming, hardy perennial. Splendid range of colors. Pkt. 10c.

**1725. NEWMANNI.**—Hardy perennial growing 2 feet high and producing large, golden yellow flowers with velvety maroon centres. Pkt. 10c.



Large Single Fringed





Scabiosa—Large Flowering Double

## Stocks (Matthiola)

Stocks are deservedly popular, and are highly prized for cut flowers on account of their beautiful colorings, rich fragrance and long keeping qualities. Their great beauty should ensure for them a place in every garden, as they are easily grown as Asters, and bear an immense quantity of fine blooms. Annuals,  $1\frac{1}{2}$  to 2 feet.

**1790. PRINCESS ALICE.**—A splendid pure white Stock of vigorous habit and delicious fragrance. It is of the true "Cut and Come Again" type, blooming continuously throughout summer and fall. Pkt. 15c.

**1795. LARGE FLOWERING TEN WEEKS.**—This is the finest possible strain of Ten Week Stock, blooming very early and keeping up a continuous profusion of fine, fragrant double flowers till frost. Our strain is saved from pot-grown plants, and will produce 90 per cent of large, double flowers 1-8 oz. 75c; Pkt. 10c.

**1800. BEAUTY OF NICE.**—A Stock of great beauty, bearing large flowers of delicate blush pink. The plant grows 2 feet high and is literally covered with fragrant flowers, measuring  $2\frac{1}{2}$  inches across. Pkt. 15c.

**1810. QUEEN ALEXANDRA.**—A new Stock of the same type as "Beauty of Nice," bearing large spikes of rosy lilac bloom. Pkt. 15c.

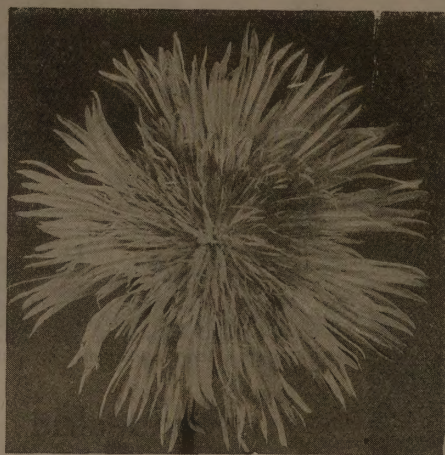
**1815. YELLOW OF NICE.**—Similar to the above variety, excepting in color, which is a delicate, sulphur yellow. Pkt. 15c.

**1805. DWARF TEN WEEK, MIXED.**—A good mixture. Pkt. 10c.

## Stokesia (Cornflower Aster)

A beautiful, native hardy perennial of easy culture, blooming quickly from seed. Plants grow from 16 to 24 inches high, and are in bloom from July till October.

**1820. CYANEA.**—Flowers are a beautiful lavender-blue, of great value for cutting. Pkt. 10c.



Stokesia

## Schizanthus

(Butterfly Flower)

A beautiful half-hardy annual of easy culture and suitable for either outdoor or greenhouse culture, blooms quickly from seed, and is very free flowering, each plant being a solid pyramid of bloom and continuing in flower for several months.

**1775. WISETONENSIS EXCELSIOR.**—This new strain is a marked improvement, the individual blooms frequently measure  $1\frac{1}{2}$  to  $1\frac{3}{4}$  inches across. The colors include all shades of buff, white, pink, rose and yellow, with beautiful markings which render them exquisitely beautiful. Makes a handsome pot plant for window culture. Pkt. 25c.

## Scabiosa (Mourning Bride)

An old garden favourite, which has been greatly improved in size and color. It is easily grown and is very attractive to bees, being one of the best honey plants, while all the most beautiful types of butterflies are drawn to it. Valuable for cutting and very decorative for beds and borders.

**1750. LARGE FLOWERING DOUBLE.** A free blooming strain of compact growth, producing large, full double flowers in a great range of colors. Height 2 feet. Annual varieties, mixed. Pkt. 10c.

**1755. AZURE FAIRY.**—A lavender blue

variety with large double flowers, already a favorite. Annual,  $2\frac{1}{2}$  feet. Pkt. 10c.

**1760. CAUCASICA.**—One of the handsomest hardy perennials, bearing beautiful large light blue, double flowers, from July till September. Height 2 feet. Pkt. 10c.

## Salpiglossis (Velvet Trumpet)

One of the finest hardy annuals in cultivation, and one which deserves a place in every garden. It is very easily grown, stands the sun well and keeps up a constant succession of beautiful, trumpet shaped blooms. The flowers are of a velvety texture, with deeply sunken veins, and are beautifully striped and pencilled in a multitude of gorgeous colors.

**1730. NEW EMPEROR, MIXED.**—This fine selection contains a great variety of colors in the largest flowered sorts. Pkt. 10c.

## Salvia (Flowering Sage)

The Salvia is a standard bedding plant, and its many merits are being appreciated by a yearly increasing host of admirers. It is easy to grow from seed, and blooms profusely all summer and fall.

**1735. SPLENDENS.**—One of the finest varieties of Salvia, bearing gorgeous masses of flame-colored bloom. A single plant will carry as many as two hundred spikes of intensely brilliant, scarlet flowers. It is useful as a hedge or border plant where long, broad bands of intense color are desired. 3 feet. Pkt. 10c.

**1740 ZURICH.**—A splendid new dwarf variety, growing 2 feet high.

Specially valuable, owing to its earliness in flowering, blooming 10 days in advance of other sorts. Very effective for bedding, either alone or as a front row for the taller Salvias. The brilliant red flowers are produced continuously from July till frost. Pkt. 15c.

**1745. FARINACEA.**—A beautiful, blue variety, with rich, bright foliage. The charming lavender blue flowers are freely borne on long spikes. 2 feet. Pkt. 10c.

## Scarlet Runners (Climbing Beans)

The well-known ornamental, climbing bean, so much used for covering verandahs, fences and trellis. We have both the scarlet and white varieties.

**1765. SCARLET RUNNERS.**—Plants of strong rapid growth, bearing a profusion of bright scarlet flowers. Lb. 70c; 1-2 lb. 40c; Pkt. 10c.

**1770. WHITE RUNNERS.**—Similar to the above, but flowers are pure white. Lb. 70c; 1-2 lb. 40c; Pkt. 10c.

## Smilax (Medeola)

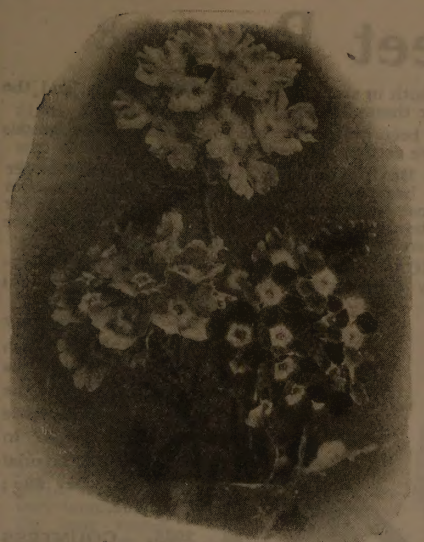
A well-known climbing plant, grown for its graceful foliage. Excellent for greenhouse or window culture.

**1780. MYRSIPHYLLUM ASPARAGOIDES.**—Glossy, dark green foliage, used largely with cut flowers in wreaths, vases and fancy baskets. Pkt. 10c.



Salpiglossis  
(Velvet  
Trumpet)





Verbena, Mammoth Mixed

## Statice (Sea Lavender)

Among the most useful Everlasting Flowers and an excellent plant for the border, which is brightened with their cloud-like bloom.

1785. **LATIFOLIA**.—Color clear mauve; hardy perennial; 2 feet. Flowers, when dried by hanging with heads down, are very useful for winter bouquets or decoration. Pkt. 10c.

## Sweet William (Dianthus Barbatu)

Well-known hardy perennials which can be had in bloom first year from seed, if sown early. They are universal favorites, and no perennial border is complete without them.

1860. **EXTRA LARGE AURICULA EYED**.—A magnificent strain of the choicest large flowered Auricula-eyed varieties. Flowers are perfectly formed and of the most brilliant and beautiful colors. All colors mixed. Pkt. 10c.

1865. **PINK BEAUTY**.—A beautiful salmon pink selection, with large flower heads. Pkt. 10c.

1870. **FINE MIXED SINGLE**.—Choice selection of the most beautiful varieties. Pkt. 10c.

1875. **DOUBLE MIXED**.—A select double strain, containing all the best colors. Pkt. 15c.

1880. **CRIMSON SHADES**.—Choice new selection of the deep crimson shades. Pkt. 15c.



Sweet William, Auricula Eyed

## Verbena (Vervain)

These hardy and free flowering plants are unsurpassed for effective color displays in the garden. They are very showy and embrace a great variety of brilliant colors. Seed can be started in house or hotbed, and young plants set out in the end of May, or if sown outdoors in May they will bloom from end of July till frost.

1835. **MAMMOTH CHOICE MIXED**.—An extra choice strain of the Mammoth Flowering Verbenas, which has been reselected and improved both in size and colorings. Seed is saved from the finest individual blooms, and produce a profusion of large trusses of bloom in many rich shades. All colors mixed. Pkt. 10c.

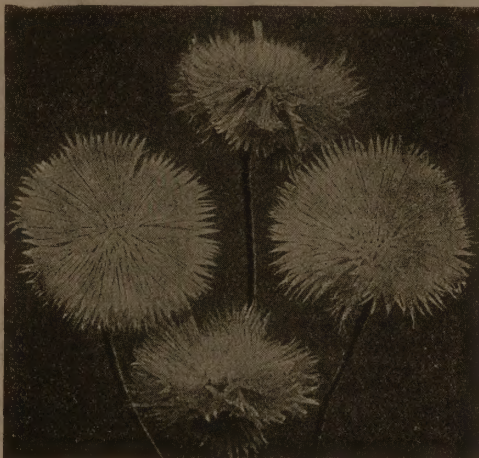
1890. **COMPACTA MIXED**.—Slightly dwarfier than the preceding sort and contains a splendid selection of the most brilliant and beautiful colors. Mixed. Pkt. 10c.

1895. **VENOSA**.—Of strong, vigorous growth and in popular demand for bedding or edging purposes. It grows 1 foot high and is covered from early summer till frost with a profusion of bright, purplish heliotrope flowers. Pkt. 10c.

1900. **HYBRIDA**.—A choice strain selected from fine varieties. All colors mixed. Pkt. 10c.



Stocks—Large Flowering Ten Weeks



Sweet Sultan

## Sweet Sultan (Centaurea)

Hardy annuals, with showy, fragrant flowers, valuable for cutting. They retain their freshness for a long period when cut and placed in water.

1850. **LARGE FLOWERING MIXED**.—A magnificent strain, with beautifully fringed flowers, at least twice the size of the older varieties. All colors mixed. Pkt. 10c.

1855. **GOOD MIXED**.—Smaller flowers than the preceding. Pkt. 10c.

## Virginian Stocks (Malcolmia Maritima)

Favorite hardy annuals, valuable for small beds and edging. They are very showy, flower quickly and remain in bloom over a long season.

1935. **MIXED COLORS**.—Free flowering plants, covered with dense masses of beautiful bloom. Fine mixture containing bright red, white, yellow and crimson. 9 inches. Pkt. 10c.

## Viola (Tufted Pansies)

These are not as large as the regular Pansies, but they bloom more freely and continue to flower over a much longer season. Seed sown in April produces flowering plants in June, and from then till frost they are a continuous sheet of bloom.

1910. **CORNUTA ADMIRABILIS MIXED**.—Very compact, free flowering strain, fine for bedding. Colors are distinct and showy, and clearer than those of Pansies. All colors mixed. Pkt. 10c.

1915. **SCOTCH STRAINS MIXED**.—This seed is saved from the finest strains of Viola in Scotland, where they are largely used for bedding in preference to Pansies on account of their longer blooming season. Splendid mixture, containing the choicest and newest hybrids. Blooms quickly from seed. Pkt. 15c.

1925. **ODORATA (Sweet Violet)**.—This is the true Sweet Violet, and is easily grown from seed. Prefers a cool and moist situation. Pkt. 10c.

## Vinca (Periwinkle)

The well-known trailing vine, so much used in window boxes and hanging baskets. It can also be used to furnish a beautiful green carpeting under trees where scarcely anything else will grow, as it flourishes in almost any soil. Tender perennial.

1905. **MIXED**.—Quick growing trailers in choice variety. Pkt. 10c.



Viola



# McDonald's Superb Sweet Peas

The marked improvements that have been wrought in Sweet Peas during the past few years, both in size and shape of their blooms, and the great diversity of beautiful color forms introduced, have brought this popular annual into greater favor than ever.

Our collection includes only the finest of the large flowering sorts and as our stocks have again been grown for us by one of the most famous British specialists, we can assure our friends that in ordering McDonald's Superb Sweet Peas, they are getting the very best procurable.

**CULTURE.**—Sweet Peas, which should be sown as early as the ground can be worked, do not require as rich soil as is generally supposed. An easily worked clay loam with the addition of well rotted manure, grows very good Sweet Peas. If the only available soil is a sandy loam, the surface should be kept heavily mulched during the summer for 18 inches on each side of the row with lawn clippings. Soil should be deeply dug and then raked smooth, leaving a slight depression towards the middle of the row, sufficient to cause the rain to flow towards the plants instead of away from them. Sow seeds half an inch apart and two inches deep, firming the soil over them after sowing; one ounce of seed to every 15 feet. Thin out to six inches apart. Thorough watering and an occasional application of liquid manure will benefit them greatly. Erect netting or stakes before plants grow too tall. As flowers come into bloom they should be cut and all seed pods removed, so that the flowering season may be lengthened.

## Spencer Varieties

or Orchid Flowering Sweet Peas

These gigantic flowering Sweet Peas are quickly superseding the ordinary types, far surpassing them in beauty, size and color. The flowers are produced abundantly in sprays of three or four, both standards and wings being waved in a most attractive way. The blooms frequently measure two and one-half inches across, and are unequalled for cutting purposes. This type is a very shy seeder, hence the high price of seed.

**2040. ASTA OHN SPENCER.**—Lavender, tinted mauve. Very large and wavy. Each stem usually bears four flowers of finest Spencer form. One of the most popular varieties. Oz. 60c; Pkt. 10c.

fine for cutting, and often carry four splendid flowers. Pkt. 10c; oz. 60c.

**2110. KING WHITE SPENCER.**—The best white Sweet Pea in existence. Unequalled for size, purity of color, and full wavy flowers. Four blooms are usually borne on each stem. Pkt. 15c; oz. 75c.

**2115. MARIE CORELLI SPENCER.**—Wings are a pure rich rose-crimson while the standard shows a tint of cherry-red. The whole effect is that of a brilliant crimson—clear, distinct and most beautiful. Oz. 60c; Pkt. 10c.

**2125. MAUD HOLMES SPENCER.**—Sun-proof crimson Spencer. Very fine. Pkt. 15c.

**2127. MRS. CUTHBERTSON.**—Standard is a clear, rose-pink; wings white, slightly flushed, light rose, making it the finest bi-color of the Spencer type. Pkt. 10c; oz. 60c.

**2137. ROYAL PURPLE. (Novelty).**—Outstanding novelty and should be in every garden. Rich, warm, rosy-purple; a sensation wherever exhibited. Flowers of immense size, extremely vigorous. Pkt. 15c; ½ oz. 50c; oz. 90c.

**2030. APPLE BLOSSOM SPENCER.**—Of much larger size and more beautiful than the popular Apple Blossom Sweet Pea. Rose with blush wings. They are excellent for cutting, being borne on long, stiff stems, with usually three or four flowers on each spray. Oz. 60c, Pkt. 10c.

**2035. AMERICA SPENCER.**—The ground color is ivory-white, distinctly striped with brilliant crimson red. Oz. 60c; Pkt. 10c.

**2050. BEATRICE SPENCER.**—Very dainty and delicate buff, pink and rose, with deeper rose wings. Fully as large as Countess Spencer, but the beautiful pink shade is rather deeper in tone than the original Countess. Oz. 60c; Pkt. 10c.

**2055. COUNTESS SPENCER.**—Bright clear pink, shade deeper at edge. The original of the Spencer type. Oz. 60c; Pkt. 10c.

**2060. CAPTAIN OF THE BLUES SPENCER.**—Even larger than "Countess Spencer," and of perfect form. The large wavy standards are purple and the wings bright blue. One of the largest Spencers. Oz. 60c; Pkt. 10c.

**2067. ELFRIDA PEARSON.**—A strong and vigorous grower; flowers of extra large size, great substance and lasting quality when cut. Color is a lovely pink throughout. Oz. 60c; Pkt. 10c.

**2070. DAINTY SPENCER.**—White suffused and edged with pink, of large size, and free bloomer.

The ground color is snowy white, while the distinct rose-pink margin gives it an extremely dainty effect in contrast with the clear, glistening white ground. Oz. 60c; Pkt. 10c.

**2075. DUPLEX SPENCER.**—This is the new Double Standard type, a large percentage of the flowers having two standards instead of one. Color is a pretty cream pink and the double character gives the flower a rich effect. Oz. 75c; Pkt. 15c.

**2077. FIERY CROSS.**—This is a marked novelty and has been greatly admired by those who have grown it. The flowers are of good size and beautifully waved, but its chief merit is its color, which is a brilliant fiery-scarlet, of which its name is truly descriptive. Oz. 85c; Pkt. 15c.

**2080. FLORA NORTON SPENCER.**—Bright blue, slightly tinted with purple. Very large. Oz. 60c; Pkt. 10c.

**2085. FLORENCE NIGHTINGALE SPENCER.**—One of the largest and best lavender Spencers yet produced. The lavender color is very soft, and is enhanced by a faint sheen of pink. The standard is unusually large and bold, frequently measuring two inches across. Oz. 75c; Pkt. 15c.

**2087. GEORGE HERBERT.**—Flowers bright rosy carmine of largest size, with full, wavy standards. Pkt. 15c; Oz. 75c.

**2090. HELEN LEWIS SPENCER.**—Giant orange-pink, with an especially bright orange standard. The standard is reflexed in a pronounced fluted effect, and the rolling of the wings, combined with the extremely large size, make it a particularly charming flower. Pkt. 10c; Oz. 60c.

**2095. ILLUMINATOR.**—A variety almost impossible to describe, owing to its rare beauty. The flowers are of a glowing orange scarlet color, beautifully waved, and borne on long stems. Pkt. 15c.

**2100. JOHN INGMAN SPENCER.**—Carmine-rose, with deeper veins. Pkt. 10c; oz. 60c.

Type of Spencer Sweet Pea



## Sweet Peas

(Continued)

**2130. MRS. ROUTZAHN SPENCER.**—A beautiful blending of straw color tinted with bluish pink and shading to apricot and rose at edges. The wings are so large that they very often hide the keel and the standard is broad deep and very large. Very fine. Pkt. 10c; oz. 60c.

**2135. OTHELLO SPENCER.**—Of immense size with large drooping wings and large wavy standard. Deep rich maroon very dark and adapted for many attractive combinations. One of the best dark varieties. Oz. 60c; pkt. 10c.

**2140. PRIMROSE SPENCER.**—The finest and largest primrose yellow. The waved standard will often measure two inches across and the finely crinkled wings are very large and fine. Pkt. 10c; oz. 60c.

**2145. TENNANT SPENCER.**—Beautiful purple mauve. Self colored. Flowers are very large and always gracefully placed on the long stems. Tennant Spencer is recognized as being decidedly the best of the heliotrope shades. Pkt. 10c; oz. 60c.

**2147. THE LADY EVELINE.**—A new, rosy mauve. Sweet Pea, ideal for all purposes. It is bound to be the mauve of the show bench. Its great size and lovely color are enhanced by the perfect placing of the flowers, which are duplex in character. For garden decoration the rows or clumps are covered with huge blooms, and four-bloomed sprays are common. Pkt. 20c.

**2150. VERMILION BRILLIANT.**—Flowers of perfect form. The bold erect standard is well waved and fluted, beautifully rounded; wings are of intense scarlet, making a uniform self color throughout, and entirely sunproof. Pkt. 15c.

**2155. WEDGEWOOD.**—The finest blue Spencer Sweet Pea. In color, this pea is a unique shade of Wedgewood blue, and is borne in four flowered sprays well placed on a long stout stem. Pkt. 15c.

**2157. SENATOR SPENCER.**—A varying combination of deep claret and chocolate, striped and flaked on a ground of light heliotrope. Pkt. 10c; oz. 60c.

**2158. STIRLING STENT.**—One of the brightest colored of all. Of most advanced Spencer type; rich, glowing, deep salmon self, suffused orange. Pkt. 10c; oz. 60c.

**2159. THOMAS STEVENSON.**—Intense, flaming orange throughout, wide, wavy standard; wings rosy carmine, shaded orange. Pkt. 10c; oz. 60c.

**2160. WHITE SPENCER.**—A pure wavy-white of enormous size and splendid substance. Long stems. Pkt. 10c; oz. 60c.

**2168. W. T. HUTCHINS.**—A charming, light apricot color overlaid with delicate bluish pink, with buds of a decided buff. Pkt. 10c; oz. 60c.

**2165. SUPERB MIXED SPENCERS.**—This is the finest blending of the new Giant Flowered Spencers yet offered. Over a hundred of the finest named varieties go to make this splendid mixture and only true Spencer types are used—the choicest we can procure. They are grown for us in one of the choicest locations in England where both plants and flowers attain their highest perfection. It has been conclusively proved that these English grown sweet peas ripening slowly through the long, cool season, are more thoroughly matured and inherit greater stamina and a constitution decidedly more healthy and vigorous than the California seed.

Our experience in past years gives us the utmost confidence in offering this as the finest mixture procurable, with an inherent hardness specially suited to our climate. It is composed of true Giant Spencer varieties only, with none of the small flowered sorts thrown in to reduce its cost.  $\frac{1}{4}$  lb. \$1.40; oz. 45c;  $\frac{1}{2}$  oz. 25c; pkt. 10c.

**2167. YARRAWA.**—This new variety from Australia has lived up to its glowing recommendations. The color is a bright rose-pink with a creamy base, the wings being slightly lighter in tone. The flowers are exquisitely waved, and usually fours on extra long stout stems. Pkt. 20c.

**2400. McDONALD'S RAINBOW MIXTURE.**—This is decidedly superior to the usual mixture of Sweet Peas being made up from the best English grown strains of the Eckford, Unwin and Spencer types. For diversity of color, size of blooms and beautiful forms this mixture is second only to our Superb Mixed Spencers. Customers can rely on having a really fine showing of Sweet Peas if they sow McDonald's Rainbow Mixture. Lb. \$2.25;  $\frac{1}{4}$  lb. 70c; oz. 25c; pkt. 10c.



Double Zinnia  
**Zinnia**

One of the most brilliant, showy and satisfactory flowers in the garden, the Zinnia is a general favorite as it comes into bloom early in summer and flowers continuously till frost. The large, handsome blooms are finely formed and come in a great variety of colors.

**1970. HAAGEANA PERFECTION.**—A particularly fine dwarf variety bearing small, double flowers of perfect form and unusually brilliant coloring. Pkt. 10c.

**1975. CURLED AND CRESTED.**—The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. Pkt. 10c.

**1980. ZEBRA or CARNATION STRIPED.**—A decidedly unique strain with very pretty, striped flowers. As the colors vary on each plant, they present a curious as well as a beautiful appearance. Pkt. 10c.

**1990. ELEGANS SINGLE MIXED.**—A fine mixture of brilliantly colored single flowers. With the revival of interest in single flowers these beautiful varieties are regaining their popularity. Pkt. 10c.

**2000. GRANDIFLORA DOUBLE MIXED.**—A new strain of Double Zinnias specially notable for the wonderful size of the blooms, many of which grow over 5 inches across. This is the finest strain of Giant Zinnias we know of and it includes all the best and largest types. Colorings are rich and varied and the plants are vigorous and free flowering. Height 2 feet. All colors mixed. Pkt. 10c.

## Viscaria

(Rock Lychnis)

Free blooming annuals of easiest culture, flowering quickly from seed and maintaining a continuous succession of bloom till frost.

**1940. FINEST MIXED.**—Splendid selection of bright colors. Height 1 foot. Pkt. 10c.

## Wallflower

(Cheiranthus)

Well known, half hardy perennials of delicious fragrance with lovely spikes of beautiful flowers in various colors. Good for cutting and can be successfully grown as a pot plant indoors. 1 to 2 feet.

**1945. EXTRA EARLY PARIS.**—A beautiful single variety which may be treated as an annual, flowering through summer from seed sown in spring. Pkt. 10c.

**1950. GOLDEN KING.**—Large flowered golden-yellow variety. Very fine stock. Pkt. 10c.

**1955. FINEST DOUBLE MIXED.**—Fine selection of the best, large flowered, double sorts with dense spikes of deliciously scented flowers. The double varieties are as easily grown as the single. Pkt. 15c.

## Xeranthemum

(Immortelles)

Annual, everlasting flowers growing 3 feet high. Very showy in the garden and useful as dried flowers in winter bouquets. This is the flower so much used for wreaths and crosses, when the flowers have been dyed.

**1960. FINE MIXED.**—Beautiful shades of bright rose, purple and white. Blooms from early summer till frost. Pkt. 10c.

Russell,  
Ont.

We have used your vegetable and flower seeds for many years, and find them entirely satisfactory. I shall recommend them to others.

Mrs. J. YOUNG.

## McDonald's Wild Flower Garden

**U**NDER this heading we offer a mixture containing more than 100 fine varieties of easy growing and pretty flowers, which will be found most desirable for sowing along fences, woodland walks, in shrubberies and out-of-the-way places. Spots that now appear unsightly can, with little care, be made to look beautiful.

Children delight in having a little garden of their own, and should be given a piece of ground and encouraged to cultivate it. A small plot planted in this way will prove a constant source of pleasure and delight to them, as they will always feel free to cut bouquets for their friends.

**2025. ALL VARIETIES MIXED.**—Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c.



## Gladiolus

Each year records a marked increase in the demand by amateur and professional growers for Gladiolus,—an evidence of the growing popularity of these beautiful flowers.

European and American Hybridizers have produced hundreds of varieties of great merit,—to see some of which would prove a great surprise to those familiar only with the old sorts. From these we have selected those which we think will best suit the desires of our many customers, practically all colors and shades being included in our list.

We cannot emphasize too strongly the merits of this magnificent flower for summer and fall bloom. Few flowers are more easily grown, and with a minimum of care success is assured.

**CULTURE.**—Set bulbs 4 inches deep and 4 to 6 inches apart in the rows. They may be planted with safety any time after May 1st. Almost any soil or situation suits them, but rich well drained soil and good culture will amply repay the grower; as the season of bloom is somewhat short, it is advisable to hold some bulbs in reserve and make successive plantings about 10 days apart for succession of bloom. By this method flowers may be had until first frost, when bulbs should be dug, dried off in a cool place, and when ripe should be stored until next season. To prevent damage to plants by winds, etc., they should be supported by light stakes.

**AMERICA.**—Color, a beautiful soft shell pink, tinged with lavender. Flowers are of immense size, and of wax-like texture, borne on long spikes. Each 10c; Doz. \$1.00 delivered.

**AUGUSTA.**—Pure white with blue anthers. A splendid garden variety. Each 10c. Doz. \$1.00 delivered.

**BARON JOSEPH HULOT.**—The best of the blues. Rich deep indigo. Each 10c. Doz. \$1.00 delivered.

**BRENCHELYENSIS.**—Vermillion-scarlet. An old sort but one of the best in its color. Each 8c. Doz. 75c. delivered.

**EMPRESS OF INDIA.**—Rich maroon. A variety that always draws a favorable comment. Each 20c. Doz. \$2.00 delivered.

**GLORY OF HOLLAND.**—Pure white with very faint flakes of light rose. Anthers pale amber white. An excellent white. Each 20c. Doz. \$2.00.

**KUNDERDI GLORY.**—Large creamy white flowers with crimson stripe through the centre of each petal. Ends of petals are ruffled. Each 20c. Doz. \$2.00 delivered.

**MRS. FRANCIS KING.**—A most beautiful flame pink. Immense flower spike four feet in height, bearing splendid large flowers. Each 10c. Doz. \$1.00 delivered.

**NIAGARA.**—Of a beautiful cream shade, with two lower inside petals blending to cream yellow, and splashed with rosy-carmine in the throat. Beautiful as a cut flower. Each 20c. Doz. \$2.00 delivered.

**PANAMA.**—One of the very best. Possesses all the good qualities of America. In color a rich rosy pink. Each 15c. Doz. \$1.50 delivered.

**PEACE.**—Flowers, large, of good form and correctly placed on a heavy straight spike. A very beautiful variety. Each 12c. Doz. \$1.20 delivered.

**PRINCEPS.**—Its wide open perfect flowers are rich crimson, with broad white blotches across the lower petals. This variety stands in the very front rank, and is always included in the best collections. Each 15c. Doz. \$1.50 delivered.

**MRS. FRANK PENDLETON.**—The color is a delicate flushed salmon pink, enhanced by a rich maroon blotch on the three lower petals. Rival the orchid in its richness of coloring. Each 20c. Doz. \$2.00 delivered.

**SCHWABEN.**—Has strong erect spikes bearing large well expanded flowers of canary yellow. Has a small blotch of garnet in the throat. Each 20c. Doz. \$2.00 delivered.

**PRINCEPINE.**—Scarlet White blotched. Each 15c. Doz. \$1.50.

**PINK PERFECTION.**—Flowers are of a soft apple blossom pink, large and most attractive. Each 15c. Doz. \$1.50 delivered.

**WILLY WIGMAN.**—Soft rose, with a blood red blotch. Has large wide open flowers, and is a most attractive variety. Each 12c. Doz. \$1.20 delivered.

## Gladiolus in Mixture

**PRIMULINUS HYBRIDS.**—These hybrids are destined to become very popular. They are the last word in Gladioli for dainty decorations. They are graceful, very easily grown, and unsurpassed for artistic decorative work, their shades range from sulphur yellow to chrome-yellow, cream and pink. Per doz. 75c. Per 100, \$6.00 delivered.

**CHILDS MIXED.**—This magnificent type often attains a height of from four to five feet, with spikes of bloom over two feet in length. They branch freely, in most cases each stem producing three or four spikes of exceptionally large blooms. Flowers are of large size, fine substance, and most distinct and showy colorings, in fact every color known among Gladiolus is represented. Per doz. 75c. Per 100 \$6.00 delivered.

**GROFF'S NEW HYBRIDS MIXED.**—This famous strain is of surpassing beauty, both in size and exquisite coloring of flowers. Their many new shades and countless combinations of rare and beautiful flowers is marvellous. Per doz. 60c. Per 100, \$4.75 delivered.

**LEMOINE'S MIXED.**—Frequently called the Butterfly or Orchid Gladiolus, owing to its marvellous beauty and odd markings. Per doz. 60c. Per 100 \$4.75 delivered.

**MCDONALD'S SUPERB MIXTURE.**—A magnificent blend, which we unhesitatingly recommend. This mixture covers a wide range of shades and colors, and contains a good proportion of the named varieties listed above. We offer this mixture as the best we can supply, and those who grow it are assured of really delightful results. Per doz. 90c. Per 100 \$7.00 delivered.

**MCDONALD'S GOOD MIXTURE.**—This mixture comprises a great diversity of colors, and will give satisfactory results. Per doz. 60c. Per 100 \$4.75 delivered.

## Cannas

**THE KING OF BEDDING PLANTS.**—Prices named are for dormant roots. Dormant Canna Roots may be started indoors during March or April, and when weather is settled and the ground warm, usually June in this latitude, they should be planted outdoors. Do not plant too deep. The eye of the root should show through the ground when done. Water sparingly, first two weeks, then freely.

**BRANDYWINE.**—Dark foliage. Brilliant red flowers. 3½ feet. Each 15c. Doz. \$1.50 Postpaid.

**EXPRESS.**—Green foliage. Scarlet Crimson. 2½ feet. Each 15c. Doz. \$1.50 Postpaid.

**FIREBIRD.**—Green foliage. Immense trusses, scarlet flowers. 4 feet. Each 30c. Doz. \$3.00 Postpaid.

**KING HUMBERT.**—Bronze foliage. Orange scarlet flowers. 4 feet. Each 15c. Doz. \$1.50 Postpaid.

**LAFAYETTE.**—Green foliage. Intense scarlet. 4 feet. Each 25c. Doz. \$2.50 Postpaid.

**METEOR.**—Green foliage. Dazzling crimson. 5 feet. Each 15c. Doz. \$1.50 Postpaid.

**MRS. ALFRED F. CONARD.**—Green. Finest salmon pink Canna. 4 feet. Each 25c. Doz. \$2.50 Postpaid.

**PANAMA.**—Green foliage. Orange red, edged golden yellow. 3 feet. Each 20c. Doz. \$2.00 Postpaid.

**WINTZER'S COLOSSAL.**—Green foliage. Vivid scarlet. Largest orchid-flowering Canna in existence. 5 feet. Each 20c. Doz. \$2.00 Postpaid.

**YELLOW KING HUMBERT.**—Foliage green. Flower rich golden yellow, softly spotted red. 4 feet. Each 15c. Doz. \$1.50 Postpaid.



## Dahlias

No late summer and autumn flowers are more showy than Dahlias. The flowers are very large and are produced in great profusion. Colors range from pure white, yellow, pink, scarlet, crimson, with all the intermediate shades, some varieties being beautifully splashed and flaked in dainty and exquisite combinations.

Dahlias are easily grown and will give splendid returns for little effort.

**CULTURE.**—The soil should be thoroughly stirred to a considerable depth, and enriched by spading in a good quantity of well rotted manure. Plant in rows three feet apart and from 18 inches to three feet apart in rows. Cover roots about 4 inches. To make plants stocky, pinch out the tops when they are about 6 inches high. Dahlias require a generous amount of water. We send out strong divided roots at delivered prices quoted.

### Show and Fancy Dahlias

Double flowers, globular or ball-shaped rather than broad or flat, full to centre, showing regular spiral arrangement of florets; floral rays more or less quilled or with markedly involute margins and rounded tips.

**A. D. LIVONI.**—Clear bright pink. The best pink show Dahlia. Each 20c; doz. \$2.00.

**ARABELLA.**—One of the loveliest. Soft primrose shaded and tipped rose. Each 20c; doz. \$2.00.

**DREER'S WHITE.**—Pure glistening white, resembling in form Grand Duke Alexis. Each 35c; doz. \$3.50.

**DR. J. P. KIRKLAND.**—Deep crimson. Monster size. An excellent variety. Each 20c; doz. \$2.00.

**FRANK SMITH.**—Intense purplish maroon shading almost to black. Petals tipped white. Each 35c; doz. \$3.50.

**GOLD MEDAL.**—The finest fancy Dahlia ever raised. Bright dandelion yellow, beautifully streaked and splashed with Oriental red. Early and blooms continuously. Each 40c; doz. \$4.00.

**WHITE PERLE.**—Large pure white tinged pink. One of the best. Each 25c; doz. \$2.50.

**RED HUSSAR.**—Pure cardinal red. Each 20c; doz. \$2.00.



Show Dahlia

### Decorative Dahlias

Double flowers, full to centre in early season, flat rather than ball-shaped, with broad flat loosely arranged petals with broad points or rounded tips which are decurved and with margins revolute if rolled at all.

**DELICE.**—The finest pink. Entirely distinct, beautiful form. Each 25c; doz. \$2.50.

**FIREKING.**—Cardinal shaded deeper. Large flowering, fine stem. Free flowering. Fine. Each 25c; doz. \$2.50.

**HORTULANUS FIET.**—Immense size with full well formed centre. An exquisite shade of salmon pink. Each 50c; doz. \$5.00.

**JACK ROSE.**—Rich crimson cardinal shaded maroon. Beautiful. Each 20c; doz. \$2.00.

**JEAN CHARMET.**—Pale lilac bordered pink. Extra large flower and a free bloomer. Each 25c; doz. \$2.50.

**LYNDHURST.**—The best bright red for cutting. Bright vermilion. An early free flowering and continuous bloomer. Each 20c; doz. \$2.00.

**MRS. J. GARDNER CASSATT.**—A massive rose pink. Each 35c; doz. \$3.50.

**PRINCESS JULIANA.**—Creamy white. Considered the best white. Each 30c; doz. \$3.00.

**SOUVENIR DE GUSTAV DOUZON.**—The largest of all Dahlias. Bright red. Each 25c; doz. \$2.50.

### Cactus Dahlias

Flowers of the fluted true type, are fully double, petals long, narrow, incurved or twisted, with sharp, divided or fluted points, and with revolute margins, forming, in the outer florets, a more or less perfect tube for more than half the length of the ray.

**BRITANNIA.**—Fine salmon pink. Each 30c; doz., \$3.00.

**COUNTESS OF LONSDALE.**—A blending of salmon pink and amber. Free bloomer and one of the best sorts. Each 25c; doz. \$2.50.

**DIBS.**—Rose pink and old gold. A fine dahlia. Each 30c; doz. \$3.00.

**ELSA.**—Yellow base, shading through white to rose pink tips. Each 25c; doz. \$2.50.

**FLORADORA.**—Wine crimson, lightly shaded maroon. Each 25c; doz. \$2.50.

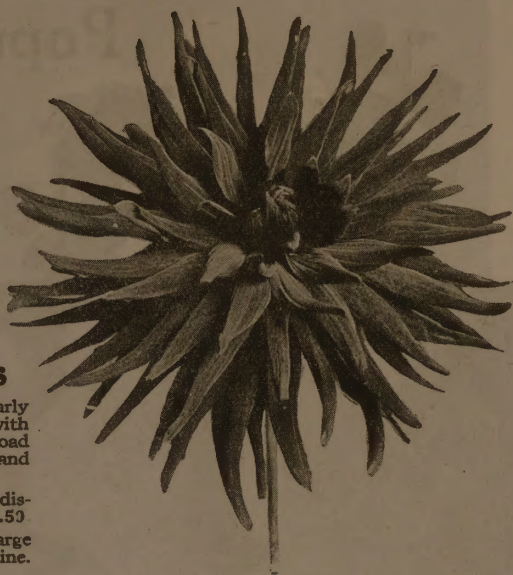
**GOLDEN EAGLE.**—Deep yellow, shading to salmon tip. Each 35c; doz. \$3.50.

**GOLDEN GATE.**—Deep yellow, with bronze shadings. Extra large. Each 35c; doz. \$3.50.

**NANCY MAE.**—Maroon, with scarlet centre to each petal. Flowers perfect. Very free. A fine cut flower variety. Each 35c; doz. \$3.50.

**WINSOME.**—Pure white with long twisted incurved petals. Each 25c; doz. \$2.50.

**WODAN.**—Shades of old gold, apricot and wine. Very large. Each 35c; doz. \$3.50.



### Peony-Flowered Dahlias

Flowers semi-double with open center, the inner petals being usually curled or twisted, the outer petals being either flat or more or less irregular. The true type resembles the Japanese peony.

**CHATENAY.**—Silver, salmon and pink. Makes finest bunch of all Dahlias. Each 10c; doz. \$4.00.

**GEISHA.**—The showiest and most attractive of this type. A combination of scarlet and gold. Each 50c; doz. \$5.00.

**HORTULANUS BUDE.**—Rich rosy-scarlet. Very long stems. Each 35c; doz. \$3.50.

**JOHN WANAMAKER.**—Many experts claim this to be the most beautiful pink Dahlia. An early, constant and profuse bloomer. Each 40c; doz. \$4.00.

**QUEEN WILHELMINA.**—Very fine pure white. Each 30c; doz. \$3.00.

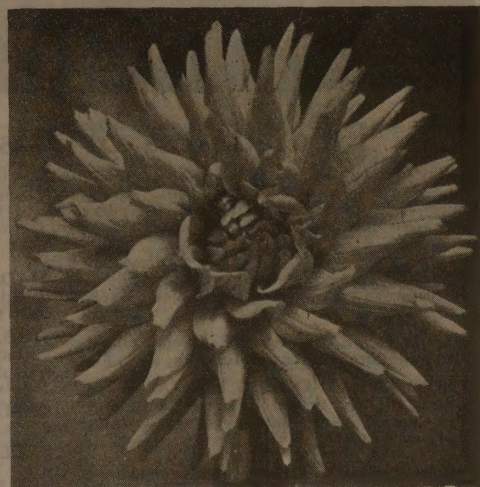
### Dahlias in Mixture

**CACTUS DAHLIAS MIXED.** Each 20c; doz. \$2.00.

**DECORATIVE DAHLIAS MIXED.** Each 20c; doz. \$2.00.

**SHOW AND FANCY DAHLIAS MIXED.**—Each 20c; doz. \$2.00.

**PEONY-FLOWERED DAHLIAS MIXED.**—Each 20c; doz. \$2.00.



Cactus Dahlia

## The Fragrant Tuberoses

**NEW EXCELSIOR PEARL.**—An improved selection and superior to the ordinary Pearl tuberoses. The flowers are perfectly double and twice the size of the ordinary tuberoses, while of equally delicious fragrance. Spikes

frequently bear from 30 to 50 flowers, remaining in bloom for a long time. They are always waxlike, pure white, and unsurpassed for button-hole bouquets. Each 8c; per doz. 75c postpaid; or \$4.75 per 100, at purchaser's expense.



# Popular Hardy Perennial Plants

(Prices Quoted are Delivered)



**ACHILLEA.** (Ptarmica "The Pearl") Pure white double flowers borne in graceful sprays. 24-30 inches. Fl. June-Oct. Each 15c; doz. \$1.50

**ACONITUM.** Napellus (Monkshood). Bushy plants. 4 feet. Fl. Aug.-Sept. Each 25c; doz. \$2.50

**AQUILEGIA** (Columbine).—May-June. 18-30 inches. Mixed varieties. Each 20c; doz. \$2.00

**HARDY ASTERS.**—15-48 inches. Aug.-Oct. Fine mixed. Each 20c; doz. \$2.00

**BELLIS PERENNIS** (English Daisy).—Double flowering white and pink. 6 inches. Each 20c; doz. \$2.00

**CHRYSANTHEMUM LEUCANTHEMUM** (Shasta Daisy).—24 inches. Each 20c; doz. \$2.00

**CAMPANULA Calycanthema.**—The cup and saucer variety of the Canterbury Bell. Each 25c; doz. \$2.50

**C. Carpatica.**—Dwarf growing variety, saucer shaped flowers of blue and white. Each 25c; doz. \$2.50

**C. Pyramidalis.**—Blue and white. Forms a perfect pyramid. 4-6 feet. Each 25c; doz. \$2.50

**DELPHINIUM** (Hardy Larkspur).—Few, if any, summer plants rival the Delphinium for gorgeous coloring and stateliness of habit. 3-5 feet. July-Oct. Superb strain of mixed hybrids. Each 25c; doz. \$2.50

**COREOPSIS** (Lanceolata grandiflora).—Flowers rich golden yellow. 2-3 feet, July-frost. Each 25c; doz. \$2.50

**DIGITALIS** (Foxglove).—An old fashioned and dignified garden favorite, with tall spikes of bell shaped flowers, borne well above the foliage.

**Gloxiniaeflora** Mixed.—Blossoms July-Sept. 30 inches. Each 20c; doz. \$2.00

**GAILLARDIA** (Blanket Flower) Grandiflora.—Showy flowers, dark brown centre. Petals marked with crimson and orange rings. Each 20c; doz. \$2.00

**HOLLYHOCK.**—Popular perennial plant, producing colossal spikes of showy flowers, in most lovely shades. July-Sept. Double white, yellow, rose, red. Mixed. Each 20c; doz. \$2.00

Fine Single Mixed Varieties. Each 20c; doz. \$2.00

**IRIS KAEMPFFERI** (Japanese Iris)

The blooms of the Japanese Iris are strikingly beautiful and average in size more than 6 inches in diameter. These Irises do best in a well enriched mellow loam, which should be kept well stirred to prevent baking. Plenty of moisture is required especially when plants are developing their buds and flowers.

Price: each 30c; doz. \$3.00 delivered. Gold Bound.—White with yellow tint in centre.

**La Favorite.**—White, veined and striped blue.

**Oriole.**—Plum color.

**Victor.**—White veined purple, darker centre.

## Hardy Lilies

**LILIUM AURATUM.**—One of the most beautiful of hardy lilies. White in color, with a distinct central band of bright yellow, and numerous rich purple spots; 2 to 4 feet. July-Sept. Deliveries from Japanese Growers doubtful this year.

**LILIUM SPECIOSUM MAGNIFICUM** (Improved Rubrum).—One of the best for garden culture. White, shaded rose, and spotted red. 2 to 3 feet. Aug.-Sept. Delivery from Japanese Growers doubtful this year.

For Complete List of—

GERMAN IRISES  
HARDY PHLOXES  
& SUPERB PEONIES  
HARDY PERENNIAL PLANTS

Write for Copy of our  
FALL CATALOGUE  
Ready in September

**LILIUM CANDIDUM.** (Madonna, or Annunciation Lily).—Flowers, pure pearl white, Fragrant. 3 feet. July-Aug. Each 20c; doz. \$2.00

**LILIUM SPECIOSUM ALBUM.**—White with beautiful recurved petals. Fragrant. 2 feet. Sept. Deliveries from Japanese Growers doubtful this year.

**LILIUM TIGRINUM** (Tiger Lily).—Flowers orange red, spotted purplish black. 3 feet. July-Sept. Each 15c; doz. \$1.50

## Fleur-de-Lis or Iris Germanica

These hardy Irises delight in an open sunny location, where the soil is well drained. The flowers are wonders of beauty, the colors ranging through all the shades of lilac, blue, violet and brown, and from the purest white to the deepest purple.

"S" refers to the three upright standards; "F" to falls or drooping petals.

PRICES QUOTED INCLUDE DELIVERY.

**BRUNETTE.**—S. soft primrose yellow. F. primrose yellow shot with violet. Each 25c; doz. \$2.50

**DUC DE NEMOURS.**—F. violet edged and reticulated white. Each 10c; doz. \$1.

**FLORENTINA, QUEEN EMMA.**—Pure white, slightly tinged blue. S. long and tapering. F. very long. Fragrant. Each 20c; doz. \$2.00

**FLORENTINE.**—Creamy white suffused flushed lavender. Each 20c; doz. \$2.00  
**GRACCHUS.**—F. crimson; reticulated white. Early. Each 10c; doz. \$1.00

**HER MAJESTY.**—S. bright rose. F. bright crimson, tinted deeper. Each 20c; doz. \$2.00

**JACQUESIANA.**—S. coppery crimson. F. rich maroon. Each 35c; doz. \$3.50

**MADAME CHEREAU.**—White, elegantly frilled with a wide border of clear blue. Very fine. Each 15c; doz. \$1.50

**MRS. G. DARWIN.**—A beautiful new variety, with pure white flowers, the falls reticulated violet and gold at base. Each 25c; doz. \$2.50

**OSSIAN.**—S. straw yellow. F. bluish violet. Each 10c; doz. \$1.00

**PALLIDA DALMATICA.**—S. fine lavender. F. clear deep lavender. Flowers very large. Each 25c; doz. \$2.50

**PAULINE.**—S. and F. unusually large, rich pansy violet. Fragrant. Each 50c; doz. \$5.00

**SUPERB MIXED.**—This mixture contains many of the finest named varieties. Each 10c; doz. \$1.00

**GOOD MIXED.**—Per doz. 50c; per 100 \$3.50



German Iris



## Hardy Perennial Phlox

Hardy Phloxes are indispensable in the garden during late summer and autumn. No other plants, at this period of the year, produce such a wide range of brilliant colors. They are hardy, easily grown and not at all particular about the soil. They should be planted in a fairly open situation, and for best results soil should be well manured. During very hot weather a good soaking of water will benefit them greatly.

Prices:—Each 20c; doz. \$2.00 delivered.

**ARGON.**—Delicate salmon rose. Dwarf. **ATHIS.**—Deep clear salmon. Claimed by many to be the showiest phlox in cultivation.

**BARON VON DEDEM.**—Cochineal red, shaded salmon.

**BRIDESMAID.**—Pure white. Clear carmine eye.

**CLOUDED GEM.**—Mottled lilac and white.

**COQUELICOT.**—Finest and brightest red of the Phloxes.

**ECLAIREUR.**—Clear rosy magenta, with lighter halo.

**ELIZABETH CAMPBELL.**—Bright salmon pink, with lighter shadings and dark crimson eye. New and much in demand.

**FRAU ANTON BUCHNER.**—Very large pure white. Dwarf.

**HENRY MURGER.**—Enormous pure white flowers. Extra fine.

**HODUR.**—Flesh pink, with large white eye.

**LE MAHDI.**—Metallic. A royal deep purple.

**MIXED PHLOX.**—Each 15c; doz. \$1.50

**LUMINEAUX.**—Soft rose. Large carmine bluish centre.

**MACULATA.**—Reddish, almost royal purple. Showy.

**MISS LINGARD.**—(Early flowering), white, faint lilac eye. Splendid for massing. Very early. Begins flowering in June.

**MRS. PAUL DUTRIE.**—Soft delicate shade of pink.

**PANTHEON.**—Bright carmine rose flowers with light halo.

**ROYANNANT.**—Deep carmine rose, with white band through centre of each petal.

**R. P. STRUTHERS.**—Rosy carmine, with claret red eye. Fine.

**RICHARD WALLACE.**—Pure white, Maroon centre.

**RYNSTRUM.**—Beautiful rose. Fine for massing.

**SIEBOLD.**—Fiery orange scarlet, crimson centre.

**VON HOCHBERG.**—Richest of its color. Crimson.

**VON LASSBURG.**—White. Individual flowers, large.



**Lilium Speciosum Magnificum**

**LYCHNIS CHALCEDONICA.**—A most desirable plant. Heads of brilliant orange-scarlet. 3-3½ feet. June July. Each 20c; doz. \$2.00.

**DIANTHUS BARBATUS** (Sweet William).—Old garden favorites. All colors mixed. Each 20c; doz. \$2.00.

**VALERIAN** (Garden Heliotrope).—Tall, growing hardy plant. Sweetly scented. Each 20c; doz. \$2.00.

## Rudbeckia (Cone-flower)

**GOLDEN GLOW.**—Old fashioned perennial. Double, golden-yellow flowers produced in great numbers. 3 to 10 feet. July-Sept. Each 20c; doz. \$2.00

**PURPUREA.** (Giant Purple Cone Flower).—Large purple flowers about 4 inches across. July-Oct. Each 20c; doz. \$2.00

**PAPAVER ORIENTALE** (Oriental Poppy).—Flowers orange scarlet and scarlet. 2½-3 feet. May-June. Each 20c; doz. \$2.00

**PAPAVER NUDICAULE** (Iceland Poppy).—Mixed colors, in white, yellow and orange scarlet. Each 20c; doz. \$2.00.

## Poppy (Papaver)

## McDonald's Superb Peonies

Peonies are among the showiest of herbaceous perennials for lawn and border decoration. They produce a gorgeous display of handsome blooms, ranging in colors and shades all the way from pure white to red and deep maroon. They are singularly free from disease and all insect pests, and are very hardy, enduring the most severe winters without damage. The foliage is rich and glossy, of a beautiful deep green color, rendering the plant very ornamental, even when not in bloom. Many sorts are deliciously scented, rivaling Carnations and Roses in fragrance. The blooms are of immense size, some measuring 7 to 9 inches in diameter, and from 5 to 6 inches in depth.

The varieties we offer have been very carefully selected, the best of the various colors being included.

**CULTURE.**—Peonies are of easy culture. The soil should be a deep rich loam, but they will do well in any good garden soil. Liberal manuring is beneficial, and should be applied annually for best results. Roots should be set with the "eyes" about three inches below the surface of the soil. For permanent planting peonies should be set three to four feet apart each way, and left undisturbed indefinitely.

**ALL PRICES QUOTED FOR PEONIES ARE DELIVERED.**

**ASA GRAY.**—(Crousse 1886).—Semi double type, very large. Pale lilac. Mid-season. Fragrant. Fine. Each 75c; doz. \$7.50.

**BERLIOZ.** (Crousse 1886).—Rose type. Large. Rosy magenta. Mid-season to late. Free bloomer. A good variety. Each 50c; per doz. \$5.00.

**CARNEA ELEGANS.** (Guerin 1850).—Rose type. Medium size. Hydrangea pink. Mid-season. Fragrant. Free bloomer. Each 50c; per doz. \$5.00.

**CHARLEMAGNE.** (Crousse 1880).—Rose type. Large. Lilac white, with bluish centre. Late. Fragrant. Free bloomer. Each 50c; per doz. \$5.00.

**COURONNE D'OR.** (Calot 1873).—Semi double type. Large. White, tinted yellow. Fragrant. One of the choicest and best Peonies in cultivation. Each 50c; per doz. \$5.00.

**DR. BRETONNEAU.** (Verdier 1854).—Bomb type. Pale lilac rose. Large and free bloomer. Early to mid-season. Very pleasant odor. Each 50c; per doz. \$5.00.

**DUC DE WELLINGTON.** (Calot 1859).—White with sulphur centre. Late Bomb type. Fragrant. Each 50c; per doz. \$5.00.

**DUCHESSE DE NEMOURS.** (Calot 1856).—Medium size. Pure white crown. Sulphur white collar. Slightly earlier than Festiva Maxima. Fragrant. Vigorous and free. Each 50c; per doz. \$5.00.

**EDULIS SUPERBA.** (Lemon 1824).—Crown type. Rather flat, large. Brilliant violet pink with silvery reflex. Pleasant odor. Early. Each 50c; per doz. \$5.00.

**EUGENE VERDIER.** (Calot 1864).—Rose type. Large. Hydrangea pink with lilac white guard petals. Late. Pleasant odor. Free flowering. Each \$2.00.

**FELIX CROUSSE.** (Crousse 1881).—Bomb type. Large. Bright red. Mid-season. Fragrant. The finest red peony in cultivation. Free bloomer. Each 75c; per doz. \$7.50

**FESTIVA MAXIMA.** (Mieliez 1851).—The most popular white Peony in existence. The blooms are of great size and beauty. Snow white, with centre petals slightly tipped red. Mid-season. Fragrant. Very free flowering. Each 50c; per doz. \$5.00.



**Hardy  
Perennial Phlox**





Peony, Mme. Geissler

## How to Treat Roses

Roses may be planted either in Spring or Fall with equal success.

**UPON ARRIVAL** they should receive immediate and careful attention, especially if they have been sometime in transit. Should the plants become dry, as occasionally happens, soak the roots in water for at least an hour. If stems have become dry, bury the whole plant in damp earth or moss for several days. This should put them in good planting condition.

**THE SOIL.**—The best soil for roses is rich deep clay loam. Ordinary light sandy soil may also be made satisfactory by mixing a quantity of clay-loam with it. Any ordinary soil with bone meal and well rotted manure added will answer splendidly.

**PLANTING.**—When preparing to plant, avoid leaving plants exposed to drying winds. This might prove fatal to the bushes. Make holes large enough to accommodate the roots when well spread. In planting the roots, which should be done carefully, scatter fine soil around the roots, moving the plant up and down carefully in order that the soil particles will settle firmly. Fill hole with soil and firm with foot. The roots should be planted about one inch deeper than they formerly grew, as indicated by a brownish yellow mark or surface line, which is easily detected on the plant. Water plentifully after planting.

**WINTER PROTECTION.**—After the first heavy frosts, hill soil well up around the stems. Over this place a layer of straw or leaves to a thickness of about 12 inches, which should be held in place with poultry netting or light jute covering. This should give ample protection until after heavy spring frosts, when covering should be removed.

## McDonald's Hardy Roses

The plants we offer are extra strong two-year-old stock. Care has been taken to select only those varieties which give best results in our Canadian climate. Our list includes the cream of the standard sorts, as well as a number of the newer varieties which have proved of merit.

**PRUNING.**—Much might be written under this heading, as a great deal depends upon the district in which the roses are to be grown, and also whether they are to be grown for decorative or exhibition purposes. To those who are growing for decorative purposes, however, thinning out and cutting out dead wood and weak shoots, shortening, and keeping the bushes in good form is all that is necessary.

## Hybrid Tea Roses

Hybrid Teas are undoubtedly the most popular of all roses for garden culture. They combine the free flowering habit of the Tea Rose, with the hardiness and beautiful shades and colors of the other types, and are delightfully fragrant.

**Price:**—Extra strong two-year-old bushes. Each 75c; dozen \$7.50 delivered.

**BETTY.**—Coppery rose, shaded yellow. Large and full, fine form. Fragrant.

**CAROLINE TESTOUT.**—Rosy satin pink, of large globular shape. Fragrant. One of the best of all round roses.

**CHEERFUL.**—Pure orange flame color, full free flowering. A distinct color.

**DEAN HOLE.**—Light carmine, shaded salmon. Bud extra long. Fragrant.

**EDWARD MAWLEY.**—A rich velvety crimson rose, large, fine shape. Free bloomer.

## McDonald's Superb Peonies (Continued.)

**GLOIRE DE CHAS. GOMBAULT.** (Gombault 1866).—Crown type. Medium size. Light rose and cream white crown. Mid-season. Free bloomer. An extra good variety. Each \$2.00.

**L'INDISPENSABLE.** (Origin unknown).—Bomb type. Large. Lilac white changing to violet ose. Each 50c; per doz. \$5.00.

**LOUIS VAN HOUTTI.** (Calot 1867).—Semi-double. Dark red. Late. Free bloomer. Odor pleasant. Each 50c; per doz. \$5.00.

**MME. GEISSLER.** (Crousse 1880).—Violet rose. Tips silvery white. Rose type. Large and attractive. Mid-season. Fragrant. Each 75c; per doz. \$7.50.

**MARGUERITE GERARD.** (Crousse 1892).—Pale salmon pink. Semi rose to crown type. Large. Late. Odor pleasant. Free flowering. Each \$1.25; per doz. \$12.50.

**MARIE LEMOINE.** (Calot 1869).—Pure white with cream white centre. Large. Very compact. Rose type. Odor pleasant. Free flowering. Late. Each 50c; doz. \$5.00.

**MONS JULES ELIE.** (Crousse 1888).—Pale lilac rose shading to deeper rose. A perfect specimen and very fragrant. Bomb type. Free bloomer. Each \$1.00; per doz. \$10.00.

**MONS KRELAGE.** (Crousse 1883).—Semi rose type. Solferino red, silver tips. Medium height. Pleasant odor. Late. Each 50c; doz. \$5.00.

**PHILOMELE.** (Calot 1861).—Anemone to crown type. Yellow, fading to cream with bright pink collar and crown. Medium size, strong grower. Fragrant. Mid-season. Dwarf. Each \$1.25; per doz. \$12.50.

**TRIOMPHE DE L'EXPOSITION DE LILLE.** (Calot 1865).—Very pale pink, splashed with a darker tint. Mid-season. Pleasant odor. Dwarf. Each \$1.25; per doz. \$12.50.

**OFFICINALIS RUBRA PLENA.**—The popular old fashioned early red Peony. Large globular brilliant crimson flowers. Each 35c; per doz. \$3.50.

**FINE PEONIES MIXED.**—A splendid assortment of good standard sorts, the identity of which we have lost in planting. This is an opportunity to secure some of the best sorts at low prices. Each 35c; per doz. \$3.00.



Frau Karl Druschki



## Hybrid Tea Roses—Continued.

**ETOILE DE FRANCE.**—A lovely shade of clear red-crimson velvet.  
**GENERAL McARTHUR.**—Vivid crimson-scarlet. Very fragrant. One of the best for outdoor planting.  
**GEORGE DICKSON.**—Velvety crimson, veined with deep pure crimson maroon. Very fine.  
**GRUSS AN TEPLITZ.**—Perfect crimson scarlet. Constant bloomer.  
**HARRY KIRK.**—Deep sulphur yellow, passing to a lighter shade at the edges of the petals. Large, full, perfect form.  
**J. B. CLARK.**—Deep scarlet, plum shaded. Vigorous grower. One of the finest of roses.  
**JONKHEER J. L. MOCK.**—Blossoms are of largest size. Highly perfumed. Color, clear imperial pink. Very free and vigorous.  
**JOSEPH HILL.**—Orange yellow, shaded salmon pink. Flowers large.  
**KAISERIN AUGUSTA VICTORIA.**—Pure white with shadings of primrose yellow.  
**KILLARNEY.**—An exquisite shade of deep shell pink. Intensely fragrant. Remarkable for large size of its flowers and freedom of bloom.  
**LADY ASHTOWN.**—Deep pink. A lovely rose. Very free flowering.  
**LADY PIRRIE.**—Coloring is novel and distinct. The outside of the petals is a delicate coppery reddish-salmon, inside apricot yellow, flushed fawn and copper. Flower is of perfect shape.  
**LA FRANCE.**—Beautiful bright silvery rose, with pale lilac shading.  
**LYONS ROSE.**—Shrimp pink at ends of petals; centre salmon, shaded with chrome yellow. Large, full, perfectly formed and fragrant.  
**MADAME ABEL CHATENAY.**—Carmine rose, shaded deep salmon. Long pointed bud. Fragrant.  
**MADAME RAVARY.**—Beautiful orange, changing to golden yellow.  
**MADAME SECOND-WEBER.**—Rosy-salmon, deep centre, perfect form.  
**MARGARET.**—Delicate straw color, large and globular. Very fragrant.  
**MRS. AARON WARD.**—Bright copper, shaded with pink. Large, double.  
**MRS. GEORGE SHAWYER.**—Flowers pale rose-pink, very large, and well formed. Extra fine.  
**OPHELIA.**—Salmon flesh, shaded with rose. Perfect shape and habit.  
**WHITE KILLARNEY.**—A white sport of the well-known Killarney. A fine rose of splendid form and good size.  
**WILLOWMERE.**—Rich shrimp-pink shaded yellow in centre. Resembles the Lyons Rose.

## Hardy Climbing Roses

Strong two-year-old bushes, each 75c; doz. \$7.50 delivered.  
**AVIATEUR BLEROT.**—(New Yellow Rambler). Rich saffron yellow and gold flowers; large clusters. Glossy dark foliage.  
**CRIMSON RAMBLER.**—Hardy, vigorous and a free bloomer.  
**DOROTHY PERKINS.**—Soft shell pink. Flowers in clusters.  
**TAUENDSCHON (Thousand Beauties).**—Deep rosy pink.



Hybrid Tea Rose



Hybrid Perpetual Rose

## Hybrid Perpetual Roses

These roses are the most valuable for permanent planting, as they are very hardy vigorous growers, producing blooms of great size and beauty. The following varieties are particularly suited to our climate.  
**Extra strong two-year-old bushes. Each 75c; doz. \$7.50 delivered.**  
**ALFRED COLOMB.**—Extra large flowers, cherry shaded crimson.  
**BARON DE BONSTETTIN.**—Very dark velvety crimson.  
**CAPTAIN HAYWARD.**—Glowing deep crimson, long pointed buds, perfect in form. Fragrant.  
**CLIO.**—Flesh color, shaded in the centre to rosy-peach. Large, fine, globular form. Free bloomer.  
**FRAU KARL DRUSCHKI.**—Sometimes called the "White American Beauty." The best snow-white rose ever introduced. An extra strong grower, very hardy. Its immense flowers are produced in great profusion. This rose is superb in every way.  
**FISHER HOLMES.**—Rich crimson scarlet. Very fragrant.  
**GENERAL JACQUEMINOT.**—Rich scarlet crimson. Free flowering. Exceedingly fragrant.  
**GEORGE ARENDS.**—Light pink, of the size and form of Frau Karl Druschki.  
**MAGNA CHARTA.**—Bright rose-pink. Large, full and fragrant.  
**MADAME GABRIEL LUIZETTE.**—Light silvery pink. Large cup-shaped flowers. Fragrant. Profuse bloomer.  
**MARGARET DICKSON.**—White, with pale flesh centre. Large flowers.  
**MRS. JOHN LAING.**—Soft pink, large perfect flower. One of the very best.  
**MRS. R. G. SHARMAN CRAWFORD.**—Rich rosy pink. Outer petals shaded with flesh pink. A very fine all round variety.  
**PAUL NEYRON.**—Bright shining pink. One of the largest roses. Very full fine form. Fragrant and free blooming.  
**PRINCE CAMILLE DE ROHAN.**—Deep velvety crimson.  
**ULRICH BRUNNER.**—Flowers cherry red, of tremendous size and substance. Very free. Deliciously fragrant.

## Moss Roses

These hardy roses have always been great favorites, owing to their beauty in the bud state and their delicious fragrance.  
**Extra strong two-year-old plants. Each 75c; doz. \$7.50 delivered.**  
**BLANCHE MOREAU.**—Pure white. **CRESTED MOSS.**—Rosy pink.  
**SALET.**—Light rose, and blush.

## Polyantha or Baby Rambler Roses

A class of hardy miniature roses, derived from the climbing Polyantha. They bloom profusely, covering the entire plant through summer and fall. Much used for bedding or as edgings for borders.

**Prices:**—Extra strong two-year-old plants, each 75c; doz. \$7.50 delivered  
**ANNA MULLER.**—Flowers shiny brilliant pink. Fragrant.  
**MADAME NORBERT LEVAVASSEUR.**—Flowers in clusters of crimson.  
**YVONNE RABIER.**—Flowers white. Perfect habit.



# McDonald's

10%  
Discount

Until July 1st

SPECIAL IMPORT OFFER

For Winter Bloom indoors, or spring flowers in the garden, no flowers are more beautiful or more easily grown than Dutch Bulbs—Hyacinths, Tulips, Daffodils, Crocuses, etc., can all be successfully grown by any amateur. What is more pleasing and interesting than the growing of these delightful Dutch flowers? They brighten the home through the long winter months, and when grown in the garden they produce a wealth of brilliant bloom from earliest spring to the middle of June. After July 1st the following prices will be NETT. NO DISCOUNT.

Let us  
bring  
you  
Bulbs  
direct  
from  
Holland

## New Exhibition Hyacinths

Our personally conducted trials of hundreds of varieties from the world's best Hyacinth Growers have enabled us to recommend with the utmost confidence those listed below. We therefore recommend them unreservedly to our customers.

|                                                            | Each   | Doz.   |
|------------------------------------------------------------|--------|--------|
| ADMIRAL COURBET.—Enormous deep violet-blue. Early.....     | \$0.25 | \$2.75 |
| ARENTEINE ARENDSSEN.—Pure snowy white. Perfect shape.....  | .25    | 2.75   |
| CORREGGIO.—Magnificent pure white. Excellent forcer.....   | .25    | 2.75   |
| ENCHANTRESS.—Delicate porcelain blue.....                  | .25    | 2.75   |
| ETNA.—Bright dark rose. Very large full truss.....         | .25    | 2.75   |
| GENERAL DeWET.—Light pink. Strong stem. Fine variety.....  | .25    | 2.75   |
| GENERAL VAN DER HEYDEN.—Grayish lavender shaded mauve..... | .25    | 2.75   |
| HEIN ROOZEN.—Snowy white. Splendid big bells. Early.....   | .25    | 2.75   |
| QUEEN OF THE PINKS.—Very lively pink. A real beauty.....   | .25    | 2.75   |
| HOFGARTNER KUHNERT.—Bright light rose, lighter centre..... | .25    | 2.75   |
| KOHINOOR.—Semi-double bells. Rose pink.....                | .25    | 2.75   |
| LA VICTOIRE.—Brilliant dark pink. Medium sized bells.....  | .25    | 2.75   |
| LORD BALFOUR.—Lilac-rose tinged dark violet.....           | .25    | 2.75   |
| MARSHAL FOCH.—New. Distinct rosy heliotrope.....           | .35    | 3.75   |
| MENELIK.—Deep bluish black. Fine for pot culture.....      | .25    | 2.75   |
| KING OF THE YELLOWS.—Large spike. Pure yellow.....         | .25    | 2.75   |

### Single Early Tulips

|                                                         | Per Doz. | Per 100 |
|---------------------------------------------------------|----------|---------|
| Artus, bright scarlet.....                              | \$0.60   | \$4.50  |
| Belle Alliance, rich crimson.....                       | .70      | 5.00    |
| Cottage Maid, pink and white.....                       | .70      | 5.00    |
| Couleur Cardinal, crimson.....                          | .85      | 6.50    |
| Crimson Brilliant, crimson.....                         | .70      | 5.25    |
| Crimson King, crimson.....                              | .70      | 5.00    |
| Chrysolora, golden yellow.....                          | .70      | 5.00    |
| Duchesse de Parma, orange red.....                      | .60      | 4.50    |
| Dusart, crimson scarlet.....                            | .70      | 5.00    |
| Gold Finch, deep yellow.....                            | .60      | 4.50    |
| Hobberna, old rose.....                                 | 1.80     | 13.50   |
| Joost van Vondel, cherry red.....                       | .60      | 4.50    |
| Keizer Kroon, crimson scarlet edged<br>rich yellow..... | .60      | 4.50    |
| Lady Boreel, snowy white.....                           | .75      | 5.60    |
| La Reine, white flushed pink.....                       | .70      | 5.00    |
| Maes, dazzling scarlet.....                             | .75      | 5.40    |
| Mon Tresor, golden yellow.....                          | .70      | 5.00    |
| Pink Beauty, cherry-rose.....                           | .90      | 6.75    |
| Pottebakker Scarlet, scarlet.....                       | .70      | 5.00    |
| Pottebakker White, white.....                           | .80      | 6.00    |
| Primrose Queen, primrose.....                           | .70      | 5.00    |
| Prince of Austria, coppery red.....                     | .75      | 5.40    |
| Princess Helene, clear white.....                       | .70      | 5.00    |
| Proserpine, rosy carmine.....                           | 1.30     | 9.75    |
| Queen of the Netherlands, pink.....                     | .75      | 5.40    |
| Rose Grisdellin, rose and white.....                    | .60      | 4.50    |
| Rose Luisante, deep rose-pink.....                      | .85      | 6.50    |
| Vermilion Brilliant, scarlet.....                       | .80      | 6.10    |
| White Hawk, pure white, fine.....                       | .80      | 6.10    |
| White Swan, white.....                                  | .60      | 4.50    |
| Yellow Prince, golden yellow.....                       | .60      | 4.50    |
| McDonald's Special Mixed.....                           | .45      | 3.00    |
| McDonald's Superb Mixed, fine.....                      | .60      | 4.50    |

### Rembrandt Tulips

|                                   |        |        |
|-----------------------------------|--------|--------|
| Quasimodo, white and carmine..... | \$0.60 | \$4.50 |
| Springtime, lilac flamed red..... | .60    | 4.50   |
| Red Prince, rose flamed red.....  | .60    | 4.50   |
| Mixed Rembrandt Tulips.....       | .50    | 3.75   |

### Breeder Tulips

|                                            |        |        |
|--------------------------------------------|--------|--------|
| Jaune d'Oeuf, yellow, flushed apricot..... | \$0.60 | \$4.50 |
| La Singuliere, dark crimson maroon.....    | .60    | 4.50   |
| Fine Mixed, good selection.....            | .55    | 4.25   |

### Giant Darwin Tulips

|                                                  | Doz.   | Per 100 |
|--------------------------------------------------|--------|---------|
| Baronne de la Tonnaye, rose.....                 | \$0.60 | \$4.50  |
| Clara Butt, clear pink.....                      | .60    | 4.50    |
| Dream, rosy lilac and mauve.....                 | .75    | 5.60    |
| Edmee, cherry rose.....                          | .70    | 5.00    |
| Europe, glowing fiery crimson.....               | .75    | 5.60    |
| Euterpe, silvery mauve lilac.....                | .90    | 6.50    |
| Isis, intense fiery scarlet.....                 | .60    | 4.50    |
| King Harold, deep purple.....                    | .60    | 4.50    |
| La Candeur, lilac white.....                     | .75    | 5.60    |
| La Tulipe Noire, large, glossy black.....        | .90    | 6.75    |
| Marconi, purple shaded maroon.....               | .80    | 6.00    |
| Margaret, pale silvery rose.....                 | .70    | 5.00    |
| May Queen, soft lilac rose.....                  | .55    | 4.00    |
| Mr. Farncombe Sanders, rosy<br>red.....          | .80    | 6.00    |
| Mrs. Potter Palmer, violet.....                  | .75    | 5.60    |
| Ouida, bright crimson scarlet.....               | .55    | 4.00    |
| Pensee Amere, slaty violet.....                  | .55    | 4.00    |
| Phillipe de Communes, maroon.....                | .80    | 6.25    |
| Pride of Haarlem, rosy carmine.....              | .75    | 5.60    |
| Psyche, delicate old rose.....                   | .70    | 5.00    |
| Princess Elizabeth, clear pink.....              | 1.00   | 8.00    |
| Professor Rauwenhoff, red.....                   | .90    | 6.75    |
| Rev. H. Ewbank, soft lavender.....               | .70    | 5.00    |
| McDonald's Superb Mixed, Dar-<br>win tulips..... | .50    | 3.75    |

### Double Early Tulips

|                                                       |        |        |
|-------------------------------------------------------|--------|--------|
| Arabella, carmine pink.....                           | \$0.70 | \$5.25 |
| Boule de Neige, enormous white.....                   | .70    | 5.00   |
| Couronne d'Or, rich yellow.....                       | .75    | 5.60   |
| Imperator rubrorum, crimson.....                      | .95    | 7.20   |
| La Candeur, waxy white.....                           | .70    | 5.00   |
| Lucretia, rose pink.....                              | .70    | 5.00   |
| Mariage de ma Fille, white rose.....                  | 1.15   | 8.00   |
| Murillo, delicate pink and white.....                 | .70    | 5.00   |
| Rose Pompon, pink mottled red.....                    | .70    | 5.25   |
| Rubra Maxima, dazzling red.....                       | .70    | 5.00   |
| Tea Rose, saffron-yellow, shaded<br>rosy apricot..... | .95    | 7.20   |
| Tournesol, red and yellow.....                        | .80    | 6.10   |
| Vuurbaak, immense scarlet.....                        | .95    | 7.20   |
| McDonald's Superb Double Mixed.....                   | .50    | 3.75   |



Queen of the Pinks



# Quality Bulbs

## Not Later

## Free Delivery

YACINTHS, TULIPS, DAFFODILS, etc.

As to Quality—We purchase from Holland's leading growers their highest grade stocks only. The quantity of this grade is always limited. The demand for McDonald's Quality Bulbs always exceeds the supply after the planting season opens, consequently many of our customers are each year disappointed. By ordering before July 1st you are assured of delivery at proper planting season and of obtaining "The Cream of the Crop." We Guarantee bulbs to reach you safely and in good condition. Full cultural directions will accompany shipment. Charges will be prepaid.



New Daffodil  
King Alfred

## Superb Dutch Hyacinths

The Hyacinths listed hereunder are strictly select, bulbs. If you miss a few of the older sorts you will know they have been discarded in favor of the more improved varieties. Second sized bulbs are specially selected for bedding.

|                                        | First Size |        | Second Size |        |        | Third Size |        |        |
|----------------------------------------|------------|--------|-------------|--------|--------|------------|--------|--------|
|                                        | Each       | Doz.   | Each        | Doz.   | 100    | Each       | Doz.   | 100    |
| GERTRUDE.—Brilliant rosy-red.....      | \$0.20     | \$2.25 | \$0.14      | \$1.40 | \$9.00 | \$0.07     | \$0.75 | \$4.90 |
| ROI DES BELGES.—Deep crimson scarlet.. | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| GIGANTEA.—Light rose. Fine forcer....  | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| LADY DERBY.—Very fine soft pink.....   | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| GENERAL PELISSIER.—Crimson scarlet..   | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| LA GRANDESSE.—Large snowy white.....   | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| L'INNOCENCE.—Very early. Pure white..  | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| KING OF THE BLUES.—Deep indigo blue..  | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| GRAND MAITRE.—Ultramarine blue.....    | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| CZAR PETER.—Light lavender blue.....   | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| GRAND LILAS.—Beautiful lilac blue..... | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| POTGIETER.—Very light blue.....        | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| MacMAHON.—Deep golden yellow.....      | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |
| YELLOW HAMMER.—Golden yellow.....      | .20        | 2.25   | .14         | 1.40   | 9.00   | .07        | .75    | 4.90   |



Lady Derby

### Cottage Tulips

|                                    | Doz.   | Per 100 |
|------------------------------------|--------|---------|
| Blushing Bride, rose pink.....     | \$0.55 | \$4.25  |
| Bouton D'Or, chrome yellow.....    | .55    | 4.25    |
| Fairy Queen, soft rosy lilac.....  | .60    | 4.50    |
| Gesneriana Spathulata, scarlet.... | .55    | 4.25    |
| Inglecomb Pink, rosy pink.....     | .55    | 4.25    |
| Koningskroon, scarlet and yellow.. | .60    | 4.50    |
| La Merveille, orange-scarlet.....  | .60    | 4.50    |
| Moonlight, soft canary yellow..... | .80    | 6.10    |
| Mrs. Moon, rich golden yellow..... | .70    | 5.00    |
| Picotee, white striped rose.....   | .55    | 4.25    |
| Primrose Beauty, soft primrose.... | .60    | 4.50    |
| The Fawn, pale rosy fawn.....      | .60    | 4.50    |
| Cottage Mixed, all colors.....     | .50    | 3.75    |

### Parrot Tulips

|                                                |        |        |
|------------------------------------------------|--------|--------|
| Admiral de Constantinople, red and orange..... | \$0.55 | \$4.25 |
| Cramoisie Brilliant, carmine.....              | .55    | 4.25   |
| Lutea Major, bright yellow.....                | .55    | 4.25   |
| Markgraaf, scarlet and green.....              | .55    | 4.25   |
| Fine Mixed Parrot Tulips.....                  | .50    | 3.75   |

### Crocus

|                                   |        |        |
|-----------------------------------|--------|--------|
| Albion, white and lilac.....      | \$0.30 | \$2.25 |
| Mont Blanc, pure white.....       | .30    | 2.25   |
| Purpurea Grandiflora, purple..... | .40    | 3.00   |
| Yellow, giant bulbs.....          | .45    | 3.25   |
| Yellow, large bulbs.....          | .30    | 2.25   |
| All Colors Mixed.....             | .25    | 1.75   |

### Freeseias

|                                     |        |        |
|-------------------------------------|--------|--------|
| Refracta Alba, large bulbs.....     | \$0.25 | \$1.30 |
| Refracta Alba, mammoth bulbs.....   | .40    | 3.00   |
| Improved Purity, mammoth bulbs..... | .50    | 3.50   |
| Excelsior (New), mammoth bulbs..... | .50    | 3.50   |

### Scilla Sibirica (Blue Squill)

|                  |        |        |
|------------------|--------|--------|
| Large Bulbs..... | \$0.35 | \$2.50 |
|------------------|--------|--------|

### Single Narcissus (Daffodils)

|                                                            | Doz.   | Per 100 |
|------------------------------------------------------------|--------|---------|
| King Alfred (New Giant), each .35                          | \$3.75 | .....   |
| Glory of Leyden, each 10c.....                             | 1.10   | 8.50    |
| Emperor, yellow.....                                       | .60    | 4.50    |
| Emperor, double nosed or mother bulbs.....                 | .90    | 6.75    |
| Golden Spur, rich yellow.....                              | .70    | 5.00    |
| Golden Spur, double nosed or mother bulbs.....             | .80    | 6.10    |
| Bicolor Victoria.....                                      | .60    | 4.50    |
| Bicolor Victoria, double nosed or mother bulbs.....        | .95    | 7.20    |
| Madame Plomp, bicolor.....                                 | .85    | 6.50    |
| Madame de Graaf, white, superb, each 10c.....              | 1.00   | 7.50    |
| Giant Princeps, immense flower...                          | .60    | 4.50    |
| Sir Watkin, giant medium trumpet.                          | .85    | 6.50    |
| Van Waveren's Giant, largest in cultivation, each 35c..... | 3.75   | .....   |
| Olympia. New. Very fine, each 40c                          | 4.50   | .....   |
| Single Varieties Mixed.....                                | .50    | 3.25    |

### Double Narcissus

|                                    |        |        |
|------------------------------------|--------|--------|
| Double Van Sion, yellow.....       | \$0.60 | \$4.50 |
| Double Van Sion, mother bulbs...   | .95    | 7.20   |
| Alba Plena Odorata, white.....     | .45    | 3.25   |
| Incomparable, primrose yellow...   | .55    | 4.25   |
| Orange Phoenix (Bacon and eggs)... | .60    | 4.50   |
| Sulphur Phoenix.....               | .60    | 4.50   |
| Double Varieties Mixed.....        | .50    | 3.50   |

### Poetaz Narcissus

|                                     |        |        |
|-------------------------------------|--------|--------|
| Poetaz Elvira, white, yellow cup... | \$0.60 | \$4.50 |
| Poetaz Aspasia, white yellow eye... | .75    | 5.60   |
| Poetaz Jaune a Merveille, yellow... | 1.25   | 9.00   |

### Polyanthus Narcissus

|                                   |        |        |
|-----------------------------------|--------|--------|
| Paper White Grandiflora, white... | \$0.60 | \$4.50 |
| Grand Soliel D'Or, yellow.....    | 1.20   | 10.00  |
| Grand Monarque, lemon cup.....    | .90    | 6.50   |
| Gloriosa, orange cup.....         | .90    | 6.50   |
| Grand Primo, citron cup.....      | .90    | 6.50   |

### Narcissus Poeticus

|                                |        |        |
|--------------------------------|--------|--------|
| Poeticus (Pheasant's eye)..... | \$0.45 | \$3.25 |
| Poeticus Ornatus.....          | .50    | 3.75   |
| King Edward VII (New).....     | 1.00   | 8.00   |



# High Grade Fertilizers. An Investment—Not an Expense.

**A**LL plant life requires large supplies of proper plant food to maintain life, produce growth and develop to proper maturity. This plant food is derived from the air and from the soil. The supply of plant food coming from the air is of course inexhaustible but the soil will soon be depleted of the most necessary food elements—Nitrogen or Ammonia, available Phosphoric Acid, and Potash if these elements are not put back in the soil in a readily available form. Hence the practice of using commercial fertilizer to supply these plant food elements.

The following high grade fertilizers are carefully compounded to promote the proper growth throughout the growing season. They are in first class mechanical condition and will increase your yield, without extra acreage, labor or seeds.

**BOWKER'S AMMONIATED FOOD FOR FLOWERS.**—A dressing made expressly for plants grown in house, garden or conservatory. It is clean, odorless, and produces early and abundant blossoms. Ladies and florists who have used this dressing speak not only of the healthy growth and the early and abundant blossoms which it produces, but also of the deeper and richer and more beautiful color it imparts; besides it prolongs the period of blooming. Many varieties of plants like the Geranium bloom almost continuously if properly fed with it. Price: No. 1 package, sufficient for 30 ordinary size plants, 25c postpaid. No. 2 package, sufficient for 30 ordinary size plants for one year, 50c postpaid.

**BOWKER'S LAWN & GARDEN DRESSING.**—Here's a complete fertilizer that supplies the very plant food elements that the soil can't give enough of, and supplies them in a readily absorbed "pre-digested" form. That is why the use of Bowker's Dressing shows such quick results—on grass, shrubs, flowers and vegetables—every growing green thing.

Bowker's Dressing, stirred in around the roots of flowers and shrubs, will make a surprising difference in their luxuriance and brilliance. It gives fine results, too, when stirred thoroughly into the soil before planting.

In vegetable gardens, Bowker's Dressing used liberally when making the garden and when seeding, will give an even, healthy growth all through the season, hasten maturity and improve quality. All garden vegetables thrive on Bowker's.

Quantity to apply and prices:—10 lb. for 1,000 sq. ft. of lawn or 500 sq. ft. of garden, \$1.00; 25 lb. bag for 2,500 sq. ft. of lawn or 1,200 sq. ft. of garden, \$1.75; 50 lb. bag for 5,000 sq. ft. of lawn or 2,500 sq. ft. of garden, \$3.00; 100 lb. bag for ½ acre of lawn or ½ acre of garden, \$5.50.

**HARAB-DAVIES BLOOD & BONE, 6-10-0.**—Highly recommended for roses, lawns, bowling greens, golf links and shrubs. All grasses require readily available nitrogen and phosphoric acid to promote growth. Nothing can produce that desired velvety appearance to the lawn, bowling green or golf course like our Blood and Bone Fertilizer, analysis 6% Ammonia, 10% available Phosphoric Acid.

Scatter broadcast at the rate of one pound to every four or five square yards. Application can be made in the Spring and in the Fall. Spring application may be made up to the middle of June. Either apply the fertilizer before a rain or sprinkle after the fertilizer has been applied. Price: 100 lb. sack, \$6.00; special price for ton quantities.

**HARD-WOOD ASHES.**—Indispensable as a dressing for lawns or for orchards. Invaluable for almost all garden crops. Apply at the rate of 1,000 lbs. per acre. Per 100lb. sack, \$2.00.



Results from using Harab-Davies Fertilizer.

C. E. Post, Brighton, Ont., large Celery grower, uses 3,000 lbs. per acre.

**HARAB-DAVIES GARDENER'S SPECIAL 5-12-0.**—Highly recommended for early and late tomatoes, celery, cabbage, onions, asparagus and other vegetables. Apply at from 400 to 1000 lbs. per acre. Price: 125 lb. sack, \$5.25; ½ ton, \$37.00; ton, \$72.00.

**HARAB-DAVIES, 2-8-4.**—Recommended for potatoes, sugar beets for factory purposes, mangels, etc. Price: 125 lb. sack, \$4.50; ½ ton, \$32.00; ton, \$62.00.

**HARAB-DAVIES CEREAL AND CORN, 2-12-0.**—For corn, spring grains and field beans. Apply at from 250 to 500 lbs. per acre. Price: 125 lb. sack, \$4.00; ½ ton, \$27.00; ton, \$52.00.

**THOMSON'S PLANT, VINE AND VEGETABLE MANURE.**—We can confidently recommend this manure as a safe and reliable food and stimulant for all vines, vegetables, foliage and flowering plants. It is highly desirable as an additional stimulant during the growing season. Admirably adapted to every requirement of a plant food for city and suburban gardens. Price: 28-lb. sack, \$2.25; 56-lb. sack, \$4.25; 112-lb. sack, \$8.00.

**SWARD FOOD (Hammond's).**—Makes the grass grow, also vegetables and flowers. An excellent concentrated fertilizer for lawns and small gardens. 5 lb. package, 50c.

**STEAMED BONE MEAL.**—Undoubtedly one of the best organic fertilizer materials. Highly recommended for orchards, vineyards and all horticultural work, also pastures, etc. Use finely ground bone at the rate of 400 to 500 lbs. per acre, and the effects will be seen for years. It is better to double the productiveness of a pasture rather than double its area. Price: Per lb. 10c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.75.

**PURE BONE FLOUR.**—Very finely ground; excellent for pot plants, for roses and desirable as a dressing for the lawn. Price: Per lb. 10c; 5-lbs. 35c; 10-lbs. 60c; 25-lbs. \$1.25; 50-lbs. \$2.00; 100-lbs. \$3.75.

**SHEEP MANURE (Pulverized).**—Unequalled for mixing with the soil and quickly effective for the flower or vegetable garden, also valuable manure for potted plants, outdoor plants, the lawn, shrubbery, small fruits. For the garden scatter the Sheep Manure over the entire surface, working thoroughly so as to incorporate with the soil. If desired for use in liquid form, mix one pound to five gallons of water, apply directly to the soil, repeating once a week until the plants show healthy growth, then apply once every three or four weeks. Price: 5 lb. pkg. 40c; 10 lb. pkg. 65c; 25 lb. sack \$1.10; 50 lb. sack \$2.00; 100 lb. sack \$3.50.

**NITRATE OF SODA.**—A quick acting form of nitrogen. Useful for forcing when plants are above ground. Apply at the rate of one ounce to each gallon of water in liquid form; or 100 lbs. per acre, which is usually mixed with landplaster or other fertilizers to make application more easy. Price: Lb. 15c; 5 lbs. 50c; 10 lbs. 90c; 25 lbs. \$2.00; 50 lbs. \$3.75; 100 lbs. \$7.00.

**AGRICULTURAL LIME (Lime Carbonate).**—This is a natural product of Canada, either pure limestone rock very finely ground or dried marl finely screened. This lime must not be compared with burnt lime or slacked lime, as both are very dangerous materials to use and apt to do a great deal of harm in burning up the humus in the soil. The lime which we offer will not do this, but in addition to sweetening sour soils, will liberate the potash locked up in the soil in unavailable form, promote the decomposition of humus or organic matter, and improve the physical character of the soil, rendering heavy soils more porous and making light soils more compact. Write for price, stating quantity required.

**LANDPLASTER OR GYPSUM.**—Desirable in conjunction with stable manure. Also extensively used by potato growers for mixing with Paris Green for application to vine, being mixed at the rate of 100 lbs. of plaster with from 1 to 2 of Paris Green. Price: Per 100 lb. sack \$1.25.

**ACID PHOSPHATE (16 per cent) or SUPERPHOSPHATE.**—Not a complete plant food, but will supply the plant with plenty of phosphoric acid in a readily available form. To insure an abundant crop of grain, corn, etc., about 500 lbs. per acre should be used in connection with a light dressing of farm manure. When seeding down, the application of this quantity will very much increase the crop. Price: Per sack of 100 lbs. \$2.50; ½ ton, \$21.00; ton, \$40.00.



## Effective Insecticides and Fungicides

**ARSENATE OF LEAD (Paste).**—An effective insecticide for codling moth, potato bug and all leaf-eating insects. As poisonous as Paris Green, but not so injurious to the plants. Price 1-lb. jar, 40c; 5-lb. drum, \$1.50; 10-lb. drum, \$2.75; 20-lb. drum, \$5.00; 50-lb. drum, \$11.50.

**ARSENATE OF LEAD (Powder).**—One pound powder makes about twice as much spraying solution as same weight in paste form. Price, 1-lb. 60c; 5-lbs., \$2.50; 10-lbs. \$4.75; 20-lbs. \$9.00.

**BLACK LEAF 40.**—Fruit, Vegetables, Flowers, Shrubs, are subject to attack by myriads of insect enemies. The common soft-bodied sucking insects are aphids (plant lice), thrips and leaf hoppers, attacking a variety of plants, roses, and other flowers, shrubs, fruits and vegetables. They may be controlled effectively by spraying with "Black Leaf 40," which is a concentrated solution of nicotine sulphate, guaranteed to contain not less than 40% of nicotine by weight. Recommended in the U. S. and Canada by experts of high professional standing. Full directions on containers. 1 oz. bottle, 30c; ½-lb. tin, \$1.00; 2-lb. tin, \$3.25; 10-lb., \$13.75.

**BUG DEATH.**—This is a non-poisonous powder that effectually takes the place of Paris Green and other dangerous insect powders. It is sure death to potato bugs and other plant eating pests; a plant-food of great merit, besides preventing blight and rust to the potato tops, keeping them healthy and green until the potato fully matures, which means a more starchy and perfect potato, less liable to rot. It has been demonstrated time and again that there is big money in the use of Bug Death to potato growers. It is also very effectively used on Rose Bushes, House Plants, all shrubs, and is sure death to Squash and Cucumber Bugs, Currant, Gooseberry and Tomato Worms. 1-lb., 20c; 3-lbs., 45c; 5-lbs., 65c; 12½-lbs., \$1.25; 50-lbs. drum, \$4.60; 100-lb. drum, \$8.70.

**BORDEAUX MIXTURE (Hammond's)** in pulp.—To be diluted 25 to 50 times with water and sprayed. Works freely without clogging in any spraying machine. Quart tins 90c.

**BORDEAUX MIXTURE (Grasselli).**—Spray for blight, mildew, curled leaf, etc. Prepared all ready for use. 1 lb. 40c; 5 lbs., \$1.50; 10 lbs., \$2.75.

**CARBOLA.**—Here is a profit-saving white paint and disinfectant combined, which increases the light in your buildings—which takes less time and labor to mix and apply than white wash and disinfectants—which gives you the kind of sanitation that prevents the losses caused by lice, mites, and the contagious diseases that affect poultry and live stock. The kind of sanitation that makes healthy, vigorous, productive chickens and live stock. It is on guard day and night, protecting your stock, and working to increase your money returns. Price, 10 lbs. (10 gals), \$1.25.

**CARCO.**—Root Maggots are hatched from eggs deposited on the plants by the Maggot Fly. This fly dislikes the odor of the spray, and will not deposit its eggs where the odor is present. This spray will kill maggots, grubs and caterpillars by contact, when freely used. Save your Cabbage, Turnips, Radishes, Beans, Beets, Cauliflowers, Onions, etc. from maggots and other injurious insects. Pint 50c; quart 75c; ½-gallon \$1.25; Gallon \$2.25.



**COPPER SOLUTION.**—Concentrated liquid, ready for use on trees, vines or vegetables affected with rot, blight or scab with safety to foliage. Quart can, sufficient to make 25 gallons, \$1.25.

**CHURCH'S POTATO BUG FINISH.**—Highly desirable for the destruction of Potato Bugs. Use 25 lbs. to the acre, dusting on with fine sieve, or open burlap. Price: Pkts. 15c and 40c; 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$5.00; 300 lbs. barrel \$13.50.

**COPPER SULPHATE OR BLUESTONE.**—Extensively used in the preparation of Bordeaux Mixture. Price: Per lb. 25c; 10 lbs. \$2.00; 100 lbs. \$17.50.

**CUT WORM FOOD.**—Worms eat this poisonous food in preference to the plants. One pound is sufficient for 75 to 100 plants. 1 lb. carton 40c; 5 lbs. \$1.60.



**FORMALDEHYDE.**—Prevents smut and other fungous diseases on wheat, barley, oats and other grains, also scab on potatoes. Pint 40c; quart 75c; gallon \$2.25.

**GRAPE DUST (Hammond's).**—Excellent for prevention and destruction of mildew on roses, grapes, gooseberries. Per pkge. 35c.

**HELLEBORE.**—For destruction of slugs, worms, caterpillars; less poisonous and safer to use than Paris Green. Especially valuable to use when fruits and vegetables are nearly ripe. Can be used as a powder or dissolved. Use 1 ounce to 3 gallons of water. Price: 1-4 lb. 30c; 1-2 lb. 50c; 1b. 90c.

**NO-FLY-NEAR.**—"No-fly-Near"—is the sure, safe, cheap and humane solution of the fly problem—a positive and certain means of increasing milk production during the summer months. It assures every owner of cattle and horses freedom from flies, gnats and other life sapping winged pests so irritable to the existence of domestic animals. Every can sold with absolute guarantee to give satisfaction. Price: 1 gal. can, \$1.25.

**Pyrox**  
REG U S PAT OFF.  
TRADE MARK REGISTERED

**PYROX.**—Bugs are bad, but blight is more destructive. The spores are so tiny they cannot be seen with the naked eye, but actually they rob you of more potatoes than bugs do. Pyrox protects the crop against blight and at the same time kills the potato bug. It keeps the foliage healthy and green throughout the growing season; gives it greater vigor and enables the plant to produce to its limit. Every potato grower knows that the last ten days is the period when the tubers are increasing in size. Pyrox is maturity insurance. It gives the little potatoes a chance to grow up into big ones.

Pyrox is as good for apples, tomatoes and other fruits and vegetables as it is for potatoes. By invigorating the foliage, it causes the fruit to hang on longer, so that it takes on size, finish and quality.

Pyrox is a smooth, creamy paste, all ready for use by mixing with cold water. It saves time and labor at the busiest time of the year. It adheres to the foliage in spite of heavy rains. Fifteen more perfect apples on the tree will pay for Pyrox. Price: 1-lb. jar, 60c; 5-lb. iron, \$1.75; 10 lbs., \$3.25; 25 lbs., \$7.50; 50 lbs., \$14.00; 100 lbs., \$27.00.



**"CORVUSINE" D. G.** Seed Protection, Crop Insurance.—Try Corvusine Dressing on five acres of seed grain or seed corn this Spring, and then compare the yield with any other five acres on your whole farm. Make this practical test with Corvusine and see for yourself how it saves and increases the crop. "CORVUSINE" eradicates "smut" by preventing it from spreading and finally destroying it completely. "CORVUSINE" protects the seed from birds and vermin—

preserves the seed in cold, damp weather—helps the seed to germinate—and insures sound, vigorous growth. Corvusine is used continually on all Seed Grain by thousands of farmers in Great Britain. In using Corvusine you can rest assured that your seedling plants will be strong and your crop good. There is no element of risk in using this preparation—its merits have been built upon the solid foundation of recommendation by practical users. Price as follows:—No. 1 size can, sufficient for from 12 to 16 bushels Seed Grain or 16 bushels Corn, \$2.25; No. 2 size, sufficient for from 30 to 40 bushels Seed Grain or 40 bushels Corn, \$4.50.

**PARIS GREEN (Best quality).**—1-2 lb. tins 40c; 1 lb. tins 65c; 25 lb. drums \$18.00.

**PYRETHRUM POWDER.**—Per lb. 90c; 1-2 lb. 50c; 1-4 lb. 30c.

**SULPHUR (Powdered).**—Lb. 10c; 25 lbs. \$1.50; 100-lb. sack \$5.00.

**SULPHO TOBACCO SOAP.**—Excellent remedy for green fly on roses. Per cake 15c; and 25c.

**SULPHUR CANDLE.**—For fumigating sick rooms, greenhouses and conservatories. Each 15c; 3 for 40c.

**THRIP JUICE No. 2 (Hammond's).**—Effective against aphids, red spider, mealy bug and sucking insects generally. This is a contact insecticide concentrated. Pint tins 90c.

**TOBACCO DUST.**—For dusting only. 1 lb. 15c; 5 lbs. 60c.

**TOBACCO EXTRACT (Hammond's).**—Destroys plant lice, red spiders, sheep ticks. Per pint 75c.

**TREE TANGLEFOOT.**—Sticky substance applied direct to bark as protection against moths, ants, worms, and other creeping insects. 1 lb. tin 50c.

**WEED KILLER (Hammond's).**—Prevents weeds and grass growing on paths and drives, or wherever vegetation is not wanted. Per quart 60c.

**WHALE OIL SOAP.**—One of the best insecticides for plants when infected with scale insect. Recommended by the Central Experimental Farm. Price per tin 35c.

**ZENOLEUM DISINFECTANT AND SHEEP DIP.**—Leading Breeders and Stockmen use this dip almost exclusively. It is an antiseptic and germs killer. Every owner of cattle, sheep or hogs needs Zenoleum every day. A powerful disinfectant for barn pens and stables. Quart size 60c; 1-2 gallon \$1.00; 1 gallon \$1.75.



**SLUG SHOT (Hammond's).**—An insecticide for the destruction of potato bugs, worms, and all insects injurious to house and garden plants. Price: 1-lb. carton with perforated top to dust out, 30c; 5-lb. package, 75c.



## Sprayers

**THE FAMOUS "AUTO SPRAY" COMPRESSED AIR SPRAYER (4).**—Will do all kinds of garden and field crop spraying. Valuable also for applying fly oils to animals and for distributing disinfectants in poultry houses, stables, etc.

This is the standard of all compressed air sprayers—will spray continuously for 10 minutes with one pumping. Heavy tank holds about 4 gallons. Easily carried by handle or shoulder strap. Pump is of brass, large diameter.

We have handled this sprayer for years, having sold many hundreds of them. We heartily recommend it, believing it to be the best compressed air sprayer in the market at anywhere near the price.

Price, Galvanized Tank..... \$5.75 or \$7.00 express prepaid

Brass..... \$11.50 or 11.75 express prepaid  
**THE "DEMING SUCCESS" BUCKET SPRAY PUMP (7).**—For Garden and Greenhouse Spraying. Without doubt the most popular bucket spray pump on the market to-day. It is practically indispensable for spraying flowers, vegetables, trees and shrubs. Widely used for disinfecting barns and poultry houses, applying cattle fly oils, stock dip, as well as for washing buggies, autos, windows, etc. An easy working powerful pump. Working parts and cylinder are of brass. Furnished with 3 feet hose. Bordeaux adjustable spray nozzle. Price..... \$8.50 or \$8.75 express prepaid

**DEMING "UNIVERSAL SUCCESS" SPRAY PUMP (11).**—In this outfit the "Success" Bucket Spray pump described above is firmly attached to a four gallon galvanized tank. Very popular among florists, gardeners, poultrymen and stockmen. Price..... \$15.75 or \$16.00 express prepaid

**SPRAMOTOR POTATO SPRAYING OUTFIT (13).**—This outfit consists of a powerful No. 2. Spramotor Pump with brass working parts fitted on to a 40 to 50 gallon heavy oak barrel. Cask has bottom frame permitting it to stand lengthwise on truck. Other attachments included are, barrel strainer, 1-10 inch line heavy hose, hand valve, reducer coupling, also one solid brass adjustable 4-row sprayer together with 4 nozzles. Price, \$45.00.

10-foot Bamboo rod—with drip guard—and 2 cluster nozzle for spraying trees or white washing, add \$5.00.

We can also supply the above outfit consisting of No. 2 Spramotor B.W.P. barrel, strainer, hose and connections, stop cock, together with bamboo rod and 2 cluster nozzle for tree spraying or white-washing at \$36.00.

**AYLMER SPRAY PUMP (10).**—A powerful high-grade pump of large capacity and simple construction. All working parts of brass. Complete, mounted in barrel as shown in cut for orchard spraying, \$27.00; with 4-row Potato Sprayer instead of iron extension rod, \$32.00.

**EUREKA COMPRESSED AIR SPRAYER (9).**—Materials and all working parts strictly the best throughout. With reasonable care will last for years. Galvanized tank with brass fittings, \$9.00.

**JUNIOR No. 5 SPRAY AND FORCE PUMP (3).**—Double action throwing a continuous stream or spray. Made of brass throughout. Each, \$6.00; 3-ft. brass extension pipe, 60c each extra.

**SMITH'S BUCKET PUMP (5).**—Double brass cylinder; excellent for bucket use. Sprays coarse or fine. Each, \$5.50.

**SMITH'S SINGLE TUBE SPRAYER (2).**—Made of tin; throws fine spray over wide area. Excellent for spraying Insecticides and fly oils. Each, 75c.

**SPRAMOTOR WHEEL OUTFIT (6).**—Composed of No. 0 Spramotor pump fitted to small or half barrel, neatly painted and mounted on strong iron wheels, complete with strainer, hose, patent hand valve and iron extension rod and nozzle. A most convenient and serviceable outfit. Price, \$22.50.

**AUTO SPRAY No. 5.**—An ideal all-purpose hand sprayer. May be used for spraying trees, vines, vegetables and other crops. It is made entirely of brass. The pump is double acting which makes the spray continuous. A galvanized iron knapsack reservoir for use on potatoes or field crops accompanies the sprayer. Price, complete..... \$9.50 or \$10.00 express prepaid

**SPRAMOTOR KNAPSACK.**—The Spramotor is all brass. Agitator may be operated independently or automatically with the motor. Tank is made of heavy rolled hard copper, double seamed and soldered.

Plants may be sprayed from below or from any position desired. An excellent machine for spraying potatoes, vegetables, gooseberries, strawberries and small fruit crops. During fly time a boy in a few minutes can spray a large herd of cattle with fly repelling solution thereby increasing the milk yield at least one-third. Will also spray paint, whitewash and all kinds of spraying mixtures. Price..... \$22.00 or \$22.50 express prepaid

**STANDARD SPRAY PUMP (30).**—A simple and direct acting force pump, so designed and fitted that friction is reduced to a minimum. Recommended by the Dominion Entomologist. A satisfactory sprayer for orchards, potatoes shrubs, etc. Price with 5 feet hose, \$5.75. Galvanized Knapsack Tank extra, \$4.00. Brass Potato Spraying Extension Rod, 75c extra. Add 50c for prepayment express charges.

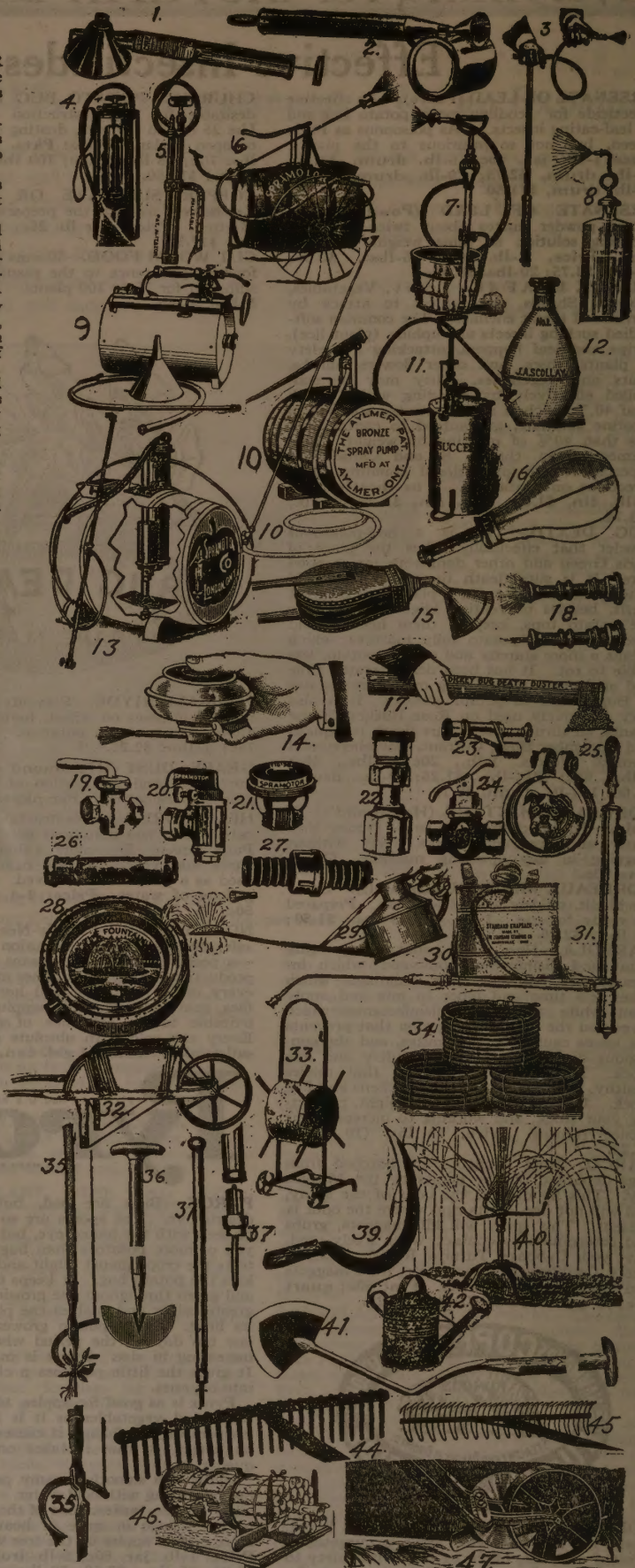
**ACME (1).**—The most satisfactory atomizer at the price. Made of tin and galvanized iron. Each 75c.

**EUREKA ATOMIZER.**—Throws a continuous spray. Price, \$1.25.

**SMITH'S BOTTLE SPRAYER (8).**—Made of solid brass. Nickel plated. Fits in ordinary bottle. Throws an exceedingly fine spray. A very satisfactory sprayer for house plants, rose bushes, etc. Price, \$1.75; postpaid, \$1.90.

**SCOLLAY'S RUBBER SPRINKLERS (12).**—Largely used by florists for sprinkling cut flowers. Straight or angle neck. Each \$1.75; postpaid \$1.90.

**TAR PAPER DISCS.**—Used as collars for young plants of Cabbage, Cauliflower, etc., as a preventative against cut worms. Per 50, 25c. Per 100, 40c postpaid.





## Nozzles and Sprayer Accessories

**"BORDEAUX" NOZZLE (20).**—Throws a solid stream, a coarse spray or fine mist. Easily disgorger. Each, \$1.00; postpaid, \$1.05.  
**"CLIMAX" NOZZLE (22).**—Disgorges by pushing against fence or trees. Each, 60c; postpaid, 65c.  
**"SIMPLEX" NOZZLE (21).**—Two styles, straight or angle. The latest and best for Lime Sulphur or heavy spraying materials. Each, 60c; postpaid, 65c.  
**"VERMOREL" NOZZLE (23).**—Provided with spring disgorger, so that all obstructions are readily forced out. Each, \$1.00; postpaid, \$1.05.  
**BAMBOO EXTENSION PIPES.**—Brass lined with patent drip guard, 4-ft. \$1.75; 6-ft. \$2.00; 8-ft. \$2.25; 10-ft. \$2.75.  
**HAND VALVE, "SPRAMOTOR," (Patent) (24).**—Each, postpaid, \$1.10.  
**STOP-COCK, "SPRAMOTOR," (19).**—Each, postpaid, 90c.

## Powder Distributors

**DUSTER BROWN.**—The new powder distributor. Throws insecticides in powder form evenly over surface. Made of tin nicely painted and finished. With care will last for years. Just the thing for poultrymen, florists and gardeners for insecticides and fungicide materials. Each, \$2.75.  
**ACME POWDER GUN (15).**—A nicely finished bellows blower leather bellows, gabbard sides. An extra elbow is furnished to tilt the funnel for getting under the leaves. Each, \$1.75.  
**DICKEY BUG DEATH DUSTER (17).**—Very desirable for light work. Each 40c; postpaid, 55c.  
**ENGLISH POWDER DISTRIBUTOR (16).**—Made of rubber; for house plants and conservatory use. Each, \$1.10.  
**JUMBO POWDER GUN (14).**—Excellent for applying all dry powdered insecticides. Each, 25c; postpaid, 35c.

## Shears, Scissors and Knives

**PRUNING SHEARS, "Barrows Patent" (96).**—An excellent tool for light work such as roses, shrubbery and small fruits. Each, \$2.25; postpaid, \$2.40.  
**AUBERTS PATENT.**—Solid steel. Strong, efficient and a good medium weight pruning shear. Each, \$1.75; postpaid, \$1.90.  
**HEAVY PRUNING SHEARS (63).**—For general work. Price, \$2.00 to \$2.75, according to quality.  
**LOPPING SHEARS (71).**—Best Sheffield make. Per pair, \$3.75.  
**HEDGE SHEARS (68).**—English make. 9 inch blade with pruning notch. Each, \$2.25.  
**LAWN SHEARS (69).**—Long handles. 9½ inch plain, \$3.00, with wheels, \$3.75.  
**GRASS BORDER SHEARS (66).**—With wheel, 10-inch, \$3.50.  
**GRASS OR SHEEP SHEARS (72).**—Pair, \$1.00 to \$1.75.  
**VINE SCISSORS (56).**—Best English, 75c.  
**PRUNING SCISSORS (55).**—Nickel Plated, 75c.  
**FLOWER GATHERERS (54).**—Small, 75c; Large, \$1.00.  
**SYRINGES (Brass) (31).**—English make. \$2.50 to \$5.00.  
**BUDDING KNIFE (169).**—Ivory handle pointed or round end, \$1.75.  
**PRUNING KNIFE (167).**—Stag handle, strong, \$2.25.  
**TREE PRUNERS, "Clean Cut" (67).**—Complete with long handle, \$1.75.  
**"Waters" (81) Improved Tree Pruner.**—The most extensively used of all tree pruners. Blade stays open when lever is raised, permitting of both hands being used in placing the hook. Price with long handle, \$1.75.  
**PRUNING SAWS.**—Lightning Double Edge (64). Each 90c; postpaid, \$1.00.

## Forks, Shovels, Spades, etc.

**SHOVELS.**—Round Point, "D" Handle, \$1.60; Round Point, Long Handle, \$1.60.  
**SPADES.**—"Fox".—Canadian make, \$1.60; English make (74), \$2.25 to \$2.75.  
**FORKS, SPADING (159).**—4 tine "D" Handle Flat tine, \$1.90; 4 tine long Handle Flat tine, \$1.75; Best English 4 tine, "D" Handle, \$2.75.  
**FORKS, MANURE (135).**—"D" Handle, 4 tine, \$1.35; 5 tine, \$1.75; 6 tine, \$2.00. (137) Long Handle, 4 tine, \$1.25; 5 tine, \$1.60; 6 tine, \$1.85.  
**GARDEN SETS (149).**—Assorted Lines, composed of from 3 to 6 pieces. Per set, \$1.25, \$1.75, \$3.50 and \$5.00.  
**GARDEN HOES.**—Garden (161), Solid Neck, 75c; Socket, 80c; Ladies' size, 60c; Turnip, 8 inch, 70c; 9 inch, 75c.  
**"EUREKA" DUTCH HOE (163).**—Strong, yet light and flexible. Highly commendable. Each, 75c.  
**"EUREKA" OPEN HOE (164).**—Very limber and easy to use. Each, 75c.  
**HOE AND RAKE COMBINED (162).**—Splendid tool for ladies' use. Each, 75c.  
**THE "PAXTON" SCUFFLE HOE (141).**—English make; solid hammered steel. Each, \$1.10.  
**THE "PERFECT" DUTCH HOE (142).**—English make; solid hammered steel. Each, \$1.10. Same style, stamped steel. Each, 90c.  
**GRASS HOOKS AND SICKLES.**—Garden, 60c; Little Giant (165), 75c; Cast Steel (39), 40c.

## Water Pots

**REGULAR STYLE, Japanned.**—2 quart, 60c; 6 quart, 80c; 10 quart, \$1.00; 14 quart, \$1.50.  
**GALVANIZED (42).**—6 quart, \$1.10; 10 quart, \$1.25; 14 quart, \$1.50.  
**HAW'S ORIGINAL WATER POT (29).**—\$3.00 to \$5.00 according to style and size.





## Baskets, Berry Boxes and Crates

**BERRY BOXES (106).**—Quart size, per crate of 250, \$1.85; per 1000, \$7.00.

**BERRY BOX, CRATES.**—24 quart size. Each, 40c; doz., \$4.00.

**FRUIT BASKETS (105).**—Latest style to comply with New Government Regulations.

11 quart or 15 lb. size. . . . . Doz. \$1.10; Per 25, \$2.00; Per 100, \$7.50

6 quart or 10 lb. size. . . . . Doz. \$1.00; Per 25, \$1.80; Per 100, \$6.75

11 quart Leno Covers. . . . . Doz. .40; Per 25, .75; Per 100, \$2.75

6 quart Leno Covers. . . . . Doz. .40; Per 25, .75; Per 100, \$2.75

**PLANT BOXES (107).**—Regular style, per crate of 200, \$2.50.

New close corner style, per crate of 200, \$3.75.

**UNPEELED WILLOW BASKETS (101).**—Extensively used for roots, ensilage, etc. Strong and durable. Round, 1-bush., 75c; 1½ bush., \$1.00; 2 bush., \$1.25; 3 bush., \$1.75; 3½ bush., \$2.00; 4 bush., \$2.25.

**GALVANIZED STEEL BASKETS (102).**—Made of corrugated steel with reinforced bottom and heavy handles. Light, strong and durable. 1 bush., \$1.50.

## Flower Pots and Saucers

Packing extra for shipment outside city. All pots carefully packed. No allowance for breakage.

### STANDARD POTS (127)

Inside measurement is given Diameter and depth equal

| Size             | Each   | Doz.   | Per 100 |
|------------------|--------|--------|---------|
| 2 inch. . . . .  | \$0.02 | \$0.20 | \$1.00  |
| 2½ inch. . . . . | .03    | .25    | 1.30    |
| 3 inch. . . . .  | .03    | .30    | 1.50    |
| 4 inch. . . . .  | .05    | .40    | 2.25    |
| 5 inch. . . . .  | .06    | .60    | 3.35    |
| 6 inch. . . . .  | .07    | .75    | 5.00    |
| 7 inch. . . . .  | .12    | 1.20   | 7.50    |
| 8 inch. . . . .  | .20    | 2.00   | ...     |
| 9 inch. . . . .  | .30    | 3.00   | ...     |
| 10 inch. . . . . | .40    | 4.00   | ...     |
| 12 inch. . . . . | .60    | ...    | ...     |
| 14 inch. . . . . | .85    | ...    | ...     |

### STANDARD AZALEA POTS (128)

Same diameter as Standard Pots but only two-thirds as deep

| Size            | Each   | Doz.   | Per 100 |
|-----------------|--------|--------|---------|
| 6 inch. . . . . | \$0.07 | \$0.75 | \$5.00  |
| 7 inch. . . . . | .12    | 1.20   | 7.50    |
| 8 inch. . . . . | .20    | 2.00   | ...     |

### STANDARD FERN PANS

| Size             | Each   | Doz.   | Per 100 |
|------------------|--------|--------|---------|
| 6 inch. . . . .  | \$0.06 | \$0.65 | ...     |
| 7 inch. . . . .  | .10    | 1.10   | ...     |
| 8 inch. . . . .  | .15    | 1.50   | ...     |
| 10 inch. . . . . | .35    | 3.50   | ...     |
| 12 inch. . . . . | .45    | 4.50   | ...     |
| 14 inch. . . . . | .60    | 6.00   | ...     |

### SAUCERS

| Size             | Each   | Doz.   | Per 100 |
|------------------|--------|--------|---------|
| 4 inch. . . . .  | \$0.02 | \$0.20 | ...     |
| 5 inch. . . . .  | .03    | .30    | ...     |
| 6 inch. . . . .  | .05    | .50    | ...     |
| 7 inch. . . . .  | .07    | .70    | ...     |
| 8 inch. . . . .  | .10    | 1.00   | ...     |
| 9 inch. . . . .  | .13    | 1.35   | ...     |
| 10 inch. . . . . | .15    | 1.65   | ...     |
| 12 inch. . . . . | .40    | ...    | ...     |
| 14 inch. . . . . | .60    | ...    | ...     |

**PLANT TUBS (125).**—No. 1 Made of cypress wood. Very strong and durable. Height 12 inches, diameter 13½ inches. Inside measurement. Each, \$1.75.

**ROLLING PLANT SAUCERS.**—Indurated ware. Will not leak. 12 inches, \$1.75; 14 inches, \$2.00.

**CEMETERY BOUQUET HOLDERS (Fig. 82).**—A very desirable article for holding cut flowers in cemeteries. Price: Galvanized, each, 25c; Painted green, each, 20c; 3 for 50c; Enameled Ware, green outside, white inside, each, 75c; Iron, each, 50c.

## Hand Cultivators and Weeders

**"NORCROSS" (145).**—Hand Cultivator. A very useful cultivator. Pulls weeds and pulverizes the soil. Each, \$1.50.

**"MAGIC"**—Spring tooth weeder. Light and strong. Just the thing for cultivating small gardens. Style F, 42 inch handle, 75c; Style B, 16 inch handle, 35c; Style "D", 6 inch handle. This style with hoe attachment, 60c.

**"CAXTON" (144).**—3-prong for use of women or children. Each, 90c.

**"CUMA" (146).**—A miniature "Caxton," with short handle. Each, 50c.

**LANGS HAND WEEDER (91).**—A strap over the fingers keeps the tool in the hand while operator's fingers are left free. Each, 30c; postpaid, 35c.

**HAZELTINE HAND WEEDER (90).**—Made of best cast steel. Wood handle, 30c; postpaid, 35c.

**EXCELSIOR (88).**—Wood handle. Five claw fingers for loosening and pulverizing the soil, 15c; postpaid, 20c.

**WEED FORKS (124).**—Fine English made. Each, 50c; postpaid, 55c.

**DANDELION SPUD (104).**—Handy tool for lifting dandelions and other weeds with their roots. Each, 75c; postpaid, 80c.

**"DANDY LION" LAWN WEEDER (37).**—Kills dandelions, burdock and other weeds quickly and easily without cutting or pulling, \$1.75; postpaid, \$2.00.

**CLEVELAND LAWN WEEDER (35).**—With this tool weeds can be drawn from the ground in a jiffy without the necessity of stooping. Each, 90c.





## Lawn Mowers, etc.

**THE "CHICAGO" (115).**—A good cutting strong machine. Three blades. Wheels 8 inches in diameter. One of the best low priced machines on the market. Price, 14-inch, \$7.75; 16-inch, \$8.25.  
**ELECTRIC BALL BEARING.**—High-grade hardened steel balls with patent adjustment; cups and cones dust proof. Reel has four blades of best grade knife steel. Easy running and attractively finished. Price, 14-inch, \$8.50; 16-inch, \$9.00.

**TOWNSEND'S FLYER BALL BEARING MOWER.**—Design and materials very similar to the Orange but parts are smaller and wheels are 9 inches. Reel 5½-inch fitted with four blades of finest oil-tempered crucible steel. Strong light running and beautifully finished. Price, 16-inch, \$14.50; 16-inch, \$16.00; 20-inch, \$17.50.

**TOWNSEND'S ORANGE BALL BEARING MOWER.**—Unequaled in materials, workmanship and finish. Built on the two-gear principle, which makes it quick and keen in action, easy running and silent. 10-inch wheels; 5½-inch reel with four blades, and micrometer adjustment for cones and ball cups. Knives will retain cutting edge longer than any other machine on the market. Price, 16-inch, \$20.00; 18-inch, \$22.00; 20-inch, \$24.00; 22-inch, \$26.00.

**TOWNSEND'S SUPERB MOWER.**—A perfectly made and beautifully finished lawn mower. Its extra large wheels, coupled with a very large reel enables it to go through grass which would choke the ordinary mower. Specially suited to large parks and estates. Price, 18-inch, \$30.00; 20-inch, \$32.50; 22-inch, \$35.00.

**TOWNSEND'S GLEANER BALL BEARING LAWN TRIMMER (112).**—A strong, light and powerful trimmer. 9-inch wheel; 5½-inch reel and 8-inch cut. Price \$10.00.

**"DIAMOND" GRASS CATCHER.**—Made with a heavy canvas body, and galvanized iron bottom. Light and strong. No. 1 for 12, 14 and 16 inch Mowers, \$1.75. No. 2 for 16, 18 and 20 inch Mowers, \$2.00.

**TOWNSEND'S HORSE LAWN MOWERS.**—If interested, write for descriptive matter. We have sold a large number of these machines and all are giving entire satisfaction. Prices subject to change, 30-inch cut, \$130.00; 35-inch, \$140.00; 38-inch, \$150.00.

**IDEAL TRACTION LAWN MOWER.**—For use on Private Estates, Parks, Golf Links, Public Grounds, Cemeteries, etc., 30-inch cut. Five cutting blades. Simple and easy to operate. Full description upon request. Price subject to change, \$550.00.

**GRASS CATCHERS (111).**—State width of lawn mower blade. Price, \$1.50 each.

**ROLLERS.**—Dunham Waterweight Lawn Rollers.—Electric welded, making the water section one solid drum. Supplied in one or two sections. Fitted with roller bearings. The easiest working roller on the market. All supplied with counterbalancing handle weights.

| No. | Diameter inches | Length inches | Sections | Weight empty | Filled with water | Filled with sand | Price   |
|-----|-----------------|---------------|----------|--------------|-------------------|------------------|---------|
| 4   | 18              | 24            | 1        | 135          | 360               | 560              | \$16.50 |
| 6   | 24              | 24            | 1        | 185          | 560               | 860              | 21.00   |
| 10  | 16              | 24            | 2        | 160          | 360               | 560              | 21.00   |
| 12  | 24              | 32            | 2        | 230          | 710               | 1060             | 26.00   |

**"JAMES" ROLLER.**—Iron sections. Wooden platform top which can be weighted if desired.

No. 2—Two-section—\$15.00. No. 3—Three-section—\$20.00.

**GRASS EDGER, "PLANET JR." (47).**—Gives finished appearance to edges of lawn and flower beds, by trimming the turf. Price, \$10.25.

**GRASS EDGING KNIFE, "HALF MOON" (36).**—For trimming sod around borders or walks, wood handle. English made. \$2.00 and \$2.50.

**TURF IRON OR SOD LIFTER (41).**—English make. \$4.00 and \$4.50.

## Hose, Syringes and Parts

**HOSE (34).**—Extra quality corrugated, non-kinkable, will last for years. ½ inch 4 ply, per foot, 20c.

**BULL DOG.**—3 ply quality, 25 and 50 foot lengths couplings included. ½ inch per foot, 15c. ¾ inch per foot, 18c.

**NOZZLES AND SPRAYERS.**—"The Gem" (18).—Adjustable for fine or coarse spray or straight stream. Each, 90c.

**FOUNTAIN.**—"Shower" Sprayer.—Throws mist like spray. All brass. Each, 35c.

**FOUNTAIN.**—"Half Circle" Sprayer.—Fine spray, 75c.

**FOUNTAIN.**—"Circle" Sprayer (28).—All brass, \$1.00.

**COLUMBIA (40).**—Short tripod style with revolving arms. Height 12 inches. Each, \$2.25.

**CLAMPS (25).**—Best galvanized. Each, 5c.

**COUPLINGS (27).**—½ inch and ¾ inch, per pair, 25c.

**MENDERS (26).**—"The Cooper."—Made of copper with sharp barbs to prevent hose slipping off. Each, 10c.

**HOSE REELS.**—Cleveland (33).—Steel frame, iron drum. A strictly first class article, \$3.00.

**Watson.**—Wood frame. Galvanized iron drum, \$2.50.

**FENCE.**—Cyclone Lawn (100).—Made of heavy galvanized wire; strong attractive and durable.

|                              | Height 3-ft. | 3½-ft. | 4-ft. |
|------------------------------|--------------|--------|-------|
| Less than 25 ft. per foot    | 20c          | 22c    | 24c   |
| 25 feet to 100 feet per foot | 18c          | 20c    | 22c   |
| 100 feet or over per foot    | 16c          | 18c    | 20c   |

**FLOWER BED GUARD.**—"Cyclone" (100).—Affords ample protection against dogs, cats, chickens, and keeps children from running over flowers. Bottom of pickets left straight to be inserted in ground. 16-inch, per foot, 16c; 25 feet or more, 14c per ft. 22-inch, per foot, 18c; 25 feet or more, 16c per ft.

## Miscellaneous

**ARCHANGEL MATS (97).**—For covering hot beds; size, 9 ft. x 4½ ft. Price, each, \$1.25.

**ASPARAGUS BUNCHER (46).**—By the use of this device asparagus is quickly and uniformly bunched. Each, \$3.75.

**ASPARAGUS KNIFE (109).**—Saves much time, and gathers crop in better shape. Each, 75c.

**CORN PLANTERS (116) (Eureka).**—Dropping device is so arranged that uniform planting is assured. Each, \$2.25.

**CYCLONE BROADCAST SEEDER (49)** Bears a national reputation as a first class seed sower. Built for accurate work and durability. Just the thing for sowing all kinds of clover and grass seeds. Each \$2.25; postpaid \$2.50.

**EXTENSION LADDERS (133).**—Made from selected wood, and well reinforced with strong No. 7 steel wire. Supplied in 20, 24, 28 and 32-foot lengths. Price, 35c per foot.

**FLOWER POT HANGERS, SMALL SIZE (122).**—For pots up to 5 inches, each, 10c; doz., \$1.00. Large size (121). For pots up to 10 inches, each, 15c; doz., \$1.50.

**FLOWER VASES (153).**—Very ornamental for Lawns, Gardens, Parks, Cemeteries, etc. Artistic design; made of iron and painted stone color. Fitted with water reservoir to supply moisture to plants. Price each, \$10.00.

**GLAZING POINTS.**—Perfection, per 1000, \$1.00; Sieberts, Improved, per 1000, 75c.

**GLAZING PUTTY (166).**—Twemlow's Old English. Per gallon, \$3.50.

**GLAZING PUTTY DISTRIBUTOR.**—Scollays (73), \$1.25.

**CRAFTING WAX, "TENAX."**—English make. Small tins, 25c; medium, 40c; large, 75c.

**HAMMERS, GARDEN (158).**—English make, 75c and \$1.00.

**GARDEN GLOVES (139).**—Men's Cotton. Per pair, 20c and 30c; Leather, 50c and \$1.00. Ladies' Cotton. Per pair, 25c; English Leather. For ladies' use, per pair, \$1.00.

**GARDEN REELS (120).**—Flat Galvanized, \$1.25; Flat Japanned, \$1.00; Triangular Japanned, \$1.25.

**GARDEN REEL LINES (143).**—Per 60 yards, \$1.25.

**HANGING BASKETS, WIRE (119).**—12 inch, 60c; 14 inch, 75c.

**POT AND TREE LABELS (94)**

| Size    | Unpainted per 100 | Painted per 100 |
|---------|-------------------|-----------------|
| 4 inch  | \$0.20            | \$0.30          |
| 5 inch  | .30               | .45             |
| 6 inch  | .35               | .50             |
| 8 inch  | .75               | .90             |
| 10 inch | 1.25              | 1.75            |
| 12 inch | 1.75              | 2.25            |

**PENCILS (48).**—Indelible for marking labels, etc. Each, 10c.

**SUSPENDING TREE LABELS.**—3½ inch wood, copper wired per 100, 50c.

**SUSPENDING COPPER TREE LABELS.**—Per box of 30, 35c.

**MATTOCKS (52).**—Hand-hammered English make. Each, \$1.00.

**MEASURES (51).**—Government Standard; made of wood. ½-gal., 30c; 1-gal., 40c; peck, 60c; ½-bush, 90c.

**PLANT STANDS (123).**—Made of steel wire throughout and finished in green. Price as shown in cut, each, \$10.00.

**PLOWS (98).**—We carry a complete line of Percival and Wilkinson plows. Percival, 1-horse, \$18.00; Nos. 5x, 6, 7, 8, 10 and 12, each, \$22.00; delivered, freight paid, to purchaser's station. Wilkinson, 1-horse, \$18.00; Nos. 3, 4, 5, and 7, \$22.00 each, delivered, freight paid.

**PLANT STAKES (Bamboo) (75).**

|                       | Doz.   | Per 100 |
|-----------------------|--------|---------|
| 4 foot light, plain   | \$0.15 | \$1.00  |
| 5 foot medium, plain  | .30    | 2.00    |
| 5 foot, medium, green | .40    | 3.00    |
| 7 foot, medium, plain | .75    | 3.50    |

**PLANT STAKES (53) (Wood Painted).**—5 foot green doz., 75c; Per 100, \$5.50.

**RAFFIA (50).**—For tying vegetables and plants, per lb., 50c.

**RAKES (Lawn and Garden).**

Steel Concave, 14 tooth, \$1.10; 16 tooth, \$1.25.

Steel Straight, 14 tooth, \$1.00; 16 tooth, \$1.20.

Malleable Straight, 14 tooth, 50c; 16 tooth, 60c.

Gibbs Wire, Reversible, (45), 24 teeth, 75c.

Star-stamped Steel Lawn Rakes, 80c.

D. & B. stamped Steel Lawn Rakes, \$1.20.

**Ole Olsen Lawn Rake (44).**—Well made from straight grain hardwood, thoroughly seasoned and oil finished. Price, straight or curved head, 75c.

**RUSTIC SETTEES (157).**—Very strongly built of best quality cedar. Width, about 3½ feet. Each, \$3.75.

**SCYTHES (65).**—Crimson Cutter, 32in. to 34in.. blade, \$1.75.

**SCYTHE SNATHS.**—Patent loop bolt, \$1.60.

**SCYTHE STONES (59).**—10c and 15c.

**SIEVES (70).**—For use with garden soil. English make; oak frame, reinforced with steel wire. Each, \$2.50.

**SPHAGNUM MOSS (52).**—For growing orchids and packing trees, shrubs, etc. Per bale, \$2.50.

**TOMATO SUPPORTS (80).**—Made of heavy galvanized wire; used for Peonies or Tomatoes. Each, 25c; doz., \$2.50.

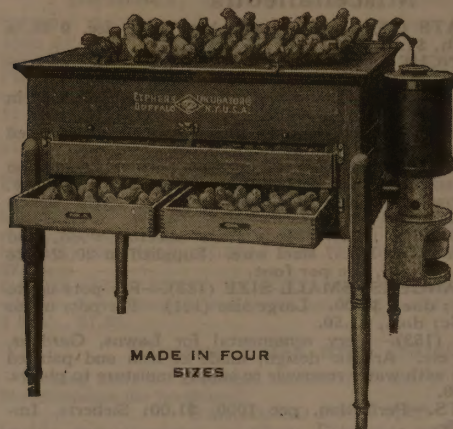
**SEED CLEANER (62) "The Clipper."**—No. 1 B. Leading and best all-round farm mill without exception, and the only hand air cleaner made. Cleans all classes of seed and grain in one operation. Set of 10 screens specially selected by Secretary Canadian Seed Growers Association supplied with each machine. Write for descriptive circular. Price, \$45.00.

**WHEEL BARROWS (Garden) (32).**—Made of wood, neatly painted. Steel wheels, strong and durable. Medium, \$6.00; large, \$6.75.

**WATER BARREL ON TRUCK (95).**—A full barrel of water can be picked up by simply tipping the truck. Supplied with steel wheels. Price, barrel and truck, \$18.00.



IN addition to the following lines we carry in stock a large assortment of other goods for poultrymen's use. If you do not find just what you want in this condensed list, please write us, stating requirements, when we will be pleased to send descriptive literature and quote price.



MADE IN FOUR SIZES

Results are what concern you most, and it is the actual hatching ability of this machine that makes it so indispensable to those who are in the poultry business for profit. Cyphers Incubators are built to hatch, and to last. With proper care they will last an ordinary lifetime. Then too, they are rightly priced, the prices at which they are sold represent the limit of incubator value. There is nothing fancy—nothing useless about them. Not a penny is wasted in their construction. On the other hand, every cent is put into them that is necessary to produce an incubator that is thoroughly automatic and absolutely dependable—a hatching machine that will give best results uniformly and last a lifetime. Every Standard Cyphers Incubator is guaranteed to do first class work in the hands of every purchaser who will give it a fair trial.

#### SIZES AND PRICES OF CYPHERS INCUBATORS

No. 0 Holds 70 Hen Eggs, \$32.50; No. 2 Holds 244 Hen Eggs, \$70.00  
 No. 1 Holds 144 Hen Eggs, \$49.50; No. 3 Holds 390 Hen Eggs, \$80.00



**CYPHERS STYLE "B" OUTDOOR BROODER.**—A properly designed and well constructed Brooder, is as necessary to success in raising chicks by artificial means as is the use of the best incubator obtainable. Cyphers Company manufacture high-grade brooders only. The fact that they are self-regulating, employing the same high-grade type of zinc and steel thermostat as is used in their standard incubator, along with the insurable feature, accounts in a large measure for their success. Price, complete, \$52.50.

#### THE MODEL STANDARD BROODER STOVE

The Simplest, Safest and Most Economical

This brooder will enable any poultryman to care for from 500 to 1000 chicks with about the same amount of time and labor that it formerly took to care for 100. The Model is built like any high-class parlor stove, on correct coal-burning principles.

A practical Coal-Burning Brooder Stove requires Auxiliary Heating Surface outside the Hover, and a Canopy that can be adjusted at any height. The Model embodies these very essential features, and it is the only one that does.

The Model can be operated in any room—in any temperature—with the same uniformly satisfactory results. It will care for the chicks from the time they leave the incubator until they are ready to take care of themselves.

Prices, F.O.B. Ottawa:  
 42 inch Canopy; broods from 100 to 500 chicks. . . . . \$28.50  
 52 inch Canopy; broods from 100 to 1000 chicks. . . . . 32.50

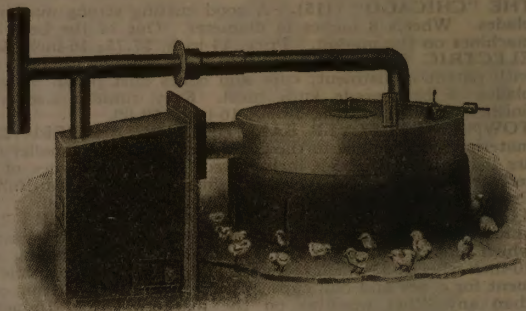


#### CYPHERS STANDARD INCUBATORS.

Cyphers Incubators are used to-day on a greater number of practical poultry plants, by a larger number of foremost poultry breeders, and endorsed by more Agricultural Colleges, than any other make of incubator in existence. The Cyphers has won its way because it is different and better in construction, because of its practical principles, and because it has always given best results. Results

#### CYPHERS ADAPT'LE HOVER.

In addition to their unequalled brooders, we offer separately the Cypher Company's world's challenge Adaptable Hover. This machinery-made, all-metal fire-proof heating and brooding device is suitable to be used anywhere that heat is required for brooding chicks or ducklings. It can be used in a roosting coop, colony house, shed, hen house, barn or other building with or without any additional enclosure for the chicks, or in a large dry-goods case or piano box. Pronounced by thousands of users to be the best device thus far invented for heating home-made brooders, and is safe to use anywhere. Weight boxed for shipment, only 40 pounds. Price of Cyphers Adaptable Hover, capacity 75 chicks, \$24.00.



#### CYPHERS CENTER LAMP PORTABLE HOVER.

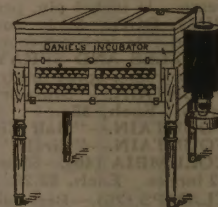
—The greatest loss in the poultry business is in the raising of baby chicks. When selecting a hover, therefore, the buyer should make sure that the device he decides upon is constructed along scientific lines and contains the qualities necessary to success.

The Center Lamp Hover has won the warmest admiration of all classes. It can be successfully used in home-made coops; in piano or organ cases made to serve as brooding places; in barns and woodsheds—anywhere that the chicks have protection from the elements.

The fact that the Center Lamp is warmer at the curtain than at the center insures healthy chicks and no crowding. It is a perfectly ventilated brooding device and supplies plenty of fresh air for all the chicks, with no drafts. Owing to its perfect ventilation, there is no difficulty about maintaining an even temperature and a steady heat. It will bring to vigorous maturity practically every healthy chick committed to its care.

Capacity, 100 chicks; Diameter of Hover, 28 in.; Shipping weight, 30 lbs. Price, complete, \$18.50.

**MODEL INCUBATORS.**—The Model is the best incubator to-day for the price in America. Every vital principle of a standard incubator is incorporated in the Model. The diffusive principle of heating and ventilating is employed. This system combines perfect ventilation with perfect heating. It imparts to the eggs that mellow warmth that produces a perfect chick. In construction of the Model the materials and workmanship are of the best. Prices, complete, including thermometer, egg-tester, etc.—No. 0, 70 eggs, \$22.00; No. 1, 115 eggs, \$28.00; No. 2, 190 eggs, \$34.00; No. 3, 250 eggs, \$40.00.



**TESTED THERMOMETERS.**—The thermometers here listed are manufactured with special care and are thoroughly tested before they are shipped. Two-thirds of the thermometers on the market are made from improperly seasoned glass tubes. These thermometer tubes are carried in stock two years before being mounted on the scale.

Note.—The price on incubator thermometer does not include the wire hanger. Wire hangers will be supplied at ten cents each extra for each thermometer. When ordering thermometers be sure to mention style and make of incubator or brooder. Incubator Thermometers, 90c each; \$1.00 postpaid. Brooder Thermometers, 80c each; 90c postpaid.





## IT TELESCOPES!

### BROOD COOPS

**THE LAWN PARK.**—Constructed entirely from galvanized materials, will not rust, and is proof against all chick enemies. The body of coop is made from strong 28 gauge galvanized steel; the "Lawn Park" of heavy  $\frac{1}{2}$  inch mesh galvanized wire screen and is large and roomy, being 18 inches wide; 19 $\frac{1}{2}$  inches high and 24 inches long with park closed, or 48 inches long with Park extended. The "Lawn Park" saves feed, work and worry. Make caring for chicks easy. When you are away or retire you know they are safe. The purchase of a "Lawn Park" Coop is an investment not an expense. They are needed and should be on every farm and in every poultry yard. Price, each \$4.75

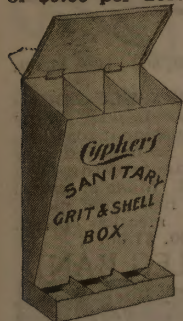


**THE "LITTLE CHICK" FEEDER.** The "Little Chick" Feeder is large and roomy. Size 6 inches high, 18 inches wide and 24 inches long. It is made strong and durable. Will easily accommodate forty to fifty chicks. Can be placed anywhere and can be moved from place to place easily. The food can be dropped through the top of screen and little chicks can enter at this door and eat and drink without being crowded and trampled by larger fowls. The "Little Chick" Feeder makes an ideal attachment for the "Lawn Park" Coop. It is so made that the door of the feeder fits the door of the coop. In this way providing a runway six feet long. Price, each \$1.75.

**WRICO EXTENSION BROOD COOP.**—Heavy galvanized iron, perfectly ventilated 24" when closed, giving ample room for exercise. Height, 18 $\frac{1}{2}$  inches. Length extended 46 inches. An ideal coop, well ventilated, warm and weather proof. Price, each \$4.75.

### FEEDERS AND FOUNTAINS

**MOE'S BABY CHICK FEEDERS.**—A great food saver, as the little chicks cannot get into it and contaminate the food. Can also be used for water or milk. This is a practical, well made feeding device that will last for years. Two sizes. Price, No. 11, 6 inch diameter each 50c; or \$3.50 per doz. No. 12, 8 $\frac{1}{4}$  inch diameter each 60c; or \$6.00 per doz.



**SANITARY DRY FOOD HOPPER.** Made from heavy galvanized iron with three compartments with capacity of from nine to ten pounds of mixed grain. The trough of this feeder is sufficiently high and so made as to avoid any possibility of waste. It is exceptionally heavy and well made. Price, each \$1.25; 3 for \$3.50.

**SANITARY GRIT AND SHELL BOX.**—Made from best grade galvanized iron, having three compartments for grit, oyster shell and charcoal. It keeps contents clean and sanitary and effects a large saving in grit and shell. Price each \$1.00; 3 for \$2.75.

**BOSTON DRY FOOD HOPPER.**—For dry food of any kind. Effects a material saving in the food bill as fowls cannot waste food, yet food is always in sight. It cannot clog, is easily re-filled when empty and easy to clean and keep clean. Price, large size, 12 inches, \$1.50; extra large, 24 inches, \$2.25.

**"BAR-NUN" DRY MASH HOPPER.**—By its use a constant supply of fresh, clean food is available. It is inaccessible to rats or mice, yet easily accessible to poultry at all times, being suspended by a spiral spring, supplied with the hopper. The mash feeds down automatically as it is picked from the trough. Gives a clear floor-space. Saves the food and lasts a lifetime. Price, each, \$2.75.



Bar-Nun Hopper

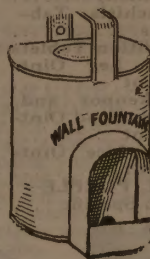
**MAMMOTH ROUND HOPPER.**—The best dry mash hopper for large flocks of fowls. The pan forming the trough from which the fowls eat is seamless, being drawn from a disk of steel. It is 22 inches in diameter and 3 $\frac{1}{2}$  inches deep and divided by partitions placed close together to prevent the fowls from throwing out the feed. The hopper is made of No. 26 and 28 galvanized steel and holds more than 1 $\frac{1}{2}$  bushels. Price complete, \$10.00.



**FEED AND WATER TROUGHS.**—These troughs are made of heavy galvanized steel and are very strong and durable. They are suitable for any sort of liquid or dry feed. Size 4 x 5 x 18 inches. Price, each 75c.

**WALL FEED BOX.**—An excellent plain, open, galvanized food box with two compartments designed for attaching to the wall. Size, 4 x 5 $\frac{1}{2}$  x 15 inches. Price, each 60c.

**SEPARABLE DRINKING FOUNTAINS.**—Made of best grade galvanized iron in three sizes. It is easily cleaned and owing to its shape will not burst from freezing. A general utility fountain at a moderate price. Price, 1 qt. size 50c; 2 qt. size 65c; 1 gal. \$1.25.



**KEEP-CLEAN WALL FOUNTAIN.**—The construction of these fountains prevents the water from getting dirty and full of litter, yet allows free access to the water. Made of heavy galvanized iron, and so designed to make it perfectly secure when hanging on the wall. Price, 1 gal. size, \$1.00.

**DROP BOTTOM FOUNTAINS.**—In this style of Drinking Fountain, the pan which forms the trough from which the fowls drink is hinged at the back and fastened by a brass latch in front. The hood over the trough prevents falling dust and dirt from getting into the water. When the bottom is turned back the inside of the fount can be easily cleaned out and kept in sanitary condition. The hinge is made with a brass rod to prevent rusting. Price, 1 gal. size, \$2.00; 2 gal. size, \$2.40.

**SANITARY STONE FOUNTAINS.**—Made in two parts, so as to easily separate for cleaning. Keeps water cool and clean. Cannot tip over. Price,  $\frac{1}{4}$  gal. size, 50c;  $\frac{1}{2}$  gal., 80c; 1 gal., \$1.00.



**THE CAN'T FREEZE FOUNTAIN.**—This fountain will give your fowls clean water and plenty of it, all day long; winter and summer, without any trouble, except to fill the fountain occasionally. The "CAN'T FREEZE" has gone without attention for 72 hours when the temperature was far below zero. Even under these most severe conditions the water did not freeze—did not even crust with ice—and the fowls meanwhile enjoyed drinking pure clean water as conveniently as though it were summer. The "CAN'T FREEZE" is absolutely automatic simple, efficient and practical. Holds two gallons of water. Price, complete with lamp, \$2.75.

**THE EDGEWATER FOUNTAIN.**—The simplest, handiest and most practical fountain made. Keeps water warm in winter and cool in summer. It is made of heavy galvanized iron, with a copper bottom in winter receptacle. Construction is similar to the fireless cooker, being packed with non-conducting material which retains the temperature of the matter. The drinking cup does not project beyond outer can there being no chance for droppings getting into water; the cause of so much disease. Clean water of the right temperature and plenty of it, which Edgewater sanitary Fountains are guaranteed to supply, is an absolute necessity to good health and heavy egg production. Price, 2 gal. size, \$5.50; 3 gal. size, \$6.00; 5 gal. size, \$7.00.



Edgewater Fountain

### EGG TESTERS

**X-RAY EGG TESTER.**—Will fit ordinary hand lamp. In dark room light will penetrate shell and illuminate interior of egg. Price, each 40c; postpaid, 50c.



**CYPHERS PRACTICAL EGG TESTER.**—Standard tester on large farms. 15 inches high, 7 $\frac{1}{2}$  inches in diameter. Galvanized iron equipped with suitable reflector. With proper care, this tester will last a lifetime. Price, complete, including lamp and reflector, \$2.00.





**BLATCHFORD'S EGG MASH.**—Supplies the surplus nourishment a hen needs for continuous egg production. Keep your hens laying. Blatchford's Egg Mash will do it. Lb. 8c; 25 lbs. \$1.75; 50 lbs., \$3.25; 100 lbs., \$6.25.

**BLATCHFORD'S MILK MASH.**—Nothing to equal it for baby chicks. It starts them right and assures early maturity. Also a splendid fattening ration for

broilers, roasters and capons. 32% increased weight in 12 days is easily accomplished. 1 lb. 8½c; 25 lbs. \$1.85; 50 lbs. \$3.50; 100 lbs. \$6.75.

**MONARCH BALANCED—FOODS**  
The following foods are mixed by special formula and are guaranteed to be composed of good, wholesome grains. Your fowls will eat these clean, sweet nourishing foods to the last particle. All prices are based on delivery ex-warehouse Ottawa. Write us for quantity quotations, stating requirements. All prices on Poultry Feed subject to change.

|                                      | Per lb. | 25 lbs. | 50 lbs. | 100 lbs. |
|--------------------------------------|---------|---------|---------|----------|
| Monarch—                             |         |         |         | sack     |
| Chick Food.....                      | 7c      | \$1.50  | \$2.75  | \$5.25   |
| Developing Food. 6½c                 |         | 1.35    | 2.50    | 4.75     |
| Scratch Food....                     | 6c      | 1.30    | 2.40    | 4.60     |
| Laying Mash....                      | 6c      | 1.25    | 2.35    | 4.50     |
| Growing Mash....                     | 6c      | 1.25    | 2.35    | 4.50     |
| Fattening Mash. 6½c                  |         | 1.35    | 2.50    | 4.75     |
| Other dependable and necessary foods |         |         |         |          |
| Beef Scrap, No. 1. 8½c               |         | \$2.00  | \$3.75  | \$7.25   |
| Beef Meal..... 8½c                   |         | 2.00    | 3.75    | 7.25     |
| Beef Bone Scrap... 8c                |         | 1.85    | 3.50    | 6.75     |
| Fish Scrap..... 8c                   |         | 1.75    | 3.35    | 6.50     |
| Charcoal (Granulated).....           | 7c      | 1.00    | 1.75    | 3.25     |
| Granulated Bone... 6c                |         | 1.25    | 2.25    | 4.00     |
| Grit "Snow-Flake" 2c                 |         | .40     | .70     | 1.25     |
| Oyster Shell..... 2½c                |         | .50     | .90     | 1.75     |
| Alfalfa Mealed 7c                    |         | 1.40    | 2.60    | 5.00     |
| Alfalfa-Short-Cut 7c                 |         | 1.40    | 2.60    | 5.00     |

## PACKAGE FOODS AND REMEDIES

**Dr. Hess Poultry Pan-a-cea.**—Insures a healthy flock. Helps birds through molting. Guaranteed to make hens lay. Price, 1½ lb. pkg. 35c; 5 lb. pkg. 85c; 12 lb. pkg. \$1.75; 25 lb. pail \$3.50.

**Dr. HESS POULTRY PAN-A-CEA**



**PRATT'S POULTRY REGULATOR.**—Used and recommended by successful poultry raisers everywhere. Price: 1½ lb. pkg. 35c; 5 lb. pkg. 85c; 12 lb. pkg. \$1.20; 25 lb. pail \$1.35; 50 lb. pail \$3.00.

**ROYAL PURPLE POULTRY SPECIFIC.**—A positive preventative of all kinds of diseases in poultry. It is also one of the best egg producers. Price: pkg. 60c; tins, \$1.75.

**DR. HESS INSTANT LOUSE KILLER.**—Lasting, attractive and convenient to use. Not a poison but instant in action. Sold with understanding that if it does not give extra satisfaction you can get your money back. Price: 1 lb. pkg. 35c; 2½ lb. pkg. 75c.



**PRATT'S LICE KILLER.**—Quickly and thoroughly kills all lice on little chicks, hens and a valuable deodorizer and disinfectant. Price: lb. size, 30c.

**ROYAL PURPLE LICE KILLER.**—Very efficient for the treatment of the body louse on all kinds of poultry. Dust it on the fowl, in the nests and in the dust bath. Price: small size 30c; large 60c.

## RELIABLE REMEDIES

|                                        | small | large | Price      |
|----------------------------------------|-------|-------|------------|
| <b>CONKEY'S—</b>                       |       |       |            |
| Roup Remedy....                        | 30c   | 60c   | 35c & 65c  |
| Cholera Remedy..                       | 30c   | 60c   | 35c & 65c  |
| White Diarrhoea Remedy.....            | 30c   | 60c   | 35c & 65c  |
| <b>CYPHER'S—Roup</b>                   |       |       |            |
| Remedy (Powder).....                   | 30c   | 1.00  | 35c & 1.10 |
| Chick Diarrhoea Remedy.....            | 30c   | ...   | 35c        |
| Cold Cure.....                         | 30c   | ...   | 35c        |
| <b>PRATT'S—Roup</b>                    |       |       |            |
| Remedy (Powder).....                   | 30c   | 60c   | 35c & 65c  |
| Roup Tablets.....                      | 30c   | 60c   | 35c & 65c  |
| Gape Remedy.....                       | 30c   | 60c   | 35c & 65c  |
| Chicken Cholera.....                   | 30c   | 60c   | 35c & 65c  |
| White Diarrhoea Remedy.....            | 30c   | 60c   | 35c & 65c  |
| Bronchitis Tablets.....                | 30c   | 60c   | 35c & 65c  |
| Condition Tablets.....                 | 30c   | 60c   | 35c & 65c  |
| Scaly Leg Ointment.....                | 30c   | 60c   | 35c & 65c  |
| Chickenpox and Sore Head Ointment..... | 30c   | 60c   | 35c & 65c  |
| Head Lice Ointment.....                | 30c   | 60c   | 35c & 65c  |
| <b>ROYAL PURPLE—</b>                   |       |       |            |
| Roup Specific.....                     | 30c   | ...   | 35c        |



## NEST EGGS

**KNOX LIKE EXPELLING.** Looks like a Plymouth Rock egg. Will not injure or taint. 10c each; \$1.00 doz.

Postpaid, \$1.15 doz.

**OVINAPHTHOL NEST EGG.**—When placed in hens' nest will rid the laying hen of lice and mites. 10c each; 3 for 25c; 80c doz. Postpaid, 95c doz.

**PORCELAIN NEST EGGS.**—Made of first class flint glass; easily moved by hen, do not break easily and will last indefinitely. 60c doz. Postpaid, 75c doz.

**LIME NEST EGGS.**—5c each; 40c per doz. Postpaid, 55c doz.

## NESTS

**WIRE NESTS.**—Strongly made from steel wire. Easy to keep clean. No room on them for lice. Each 25c; doz. \$2.50.

**MOE'S NEVER-FAIL TRAP BEST.**—Simple, practical and inexpensive. The trap is released upon the hen's entrance, falling in place so as to prevent her getting out, but always allowing plenty of air from above and beneath for ventilation. Trap nesting is the only means of ascertaining which are your profitable hens. Made of galvanized iron in two sizes. No. 33, 12 inches, square, \$2.00; 12 x 12 x 14½, \$2.50.

**MOE'S TRAP NEST FRONT.**—Places trap nests within the reach of all. With its use an old orange box can do converted into a double trap nest. Price, complete, each, 70c; 3 for \$2.00; or \$7.00 per doz.

**VIGILANT EGG TRAP NEST.**—With use of this nest there is no possible chance of the hens eating their eggs. When egg has been laid it rolls to compartment below. Price, each 75c; 3 for \$2.00.

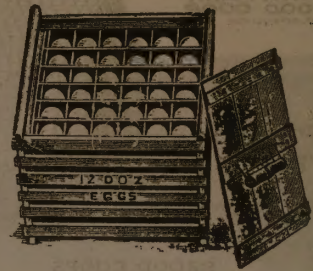
## EGG CRATES AND BOXES

**COMMISSION CRATES.**—30 doz. capacity. Made of wood complete with fillers. Each 75c; 3 for \$2.00.

**"HUMPTY-DUMPTY."** 12 doz. with fillers. Each 75c; 3 for \$2.00.

**BUGGY EGG CRATES,** 12 doz. with fillers. Each 70c; 3 for \$1.90.

**THE BOSS, Egg Crate,** 12 doz. with fillers. Each 70c; 3 for \$1.90.



## Humpty Dumpty

baskets, boxes or crates. Oblong in shape, attractively printed, holding one dozen eggs. Price per doz. 30c; \$2.00 per 100.

**EGG CRATE FILLERS.**—No. 1 WHITE PULP FILLERS.—The best filler made. Price, per 12 doz. set 20c; per 30 doz. set 40c.

**BOSTON EGG SHIPPING BOX.**—Made of strong corrugated paper throughout forming four wall cushion protection for the eggs, thus preventing any chance of eggs being broken or chilled in shipment.

1-doz. size, per doz. \$1.50; \$10.50 per 100. 2-doz. size, per doz. \$2.00; \$14.00 per 100.

**HATCHING EGG BOXES.**—Adapted to either Parcel Post or Express use. Each Doz.

**EYRIE.....** 15 egg box..... 20c \$2.00  
"..... 30 egg box..... 30c 3.00

**ANDERSON.....** 15 egg box..... 20c 2.00  
"..... 30 egg box..... 30c 3.00

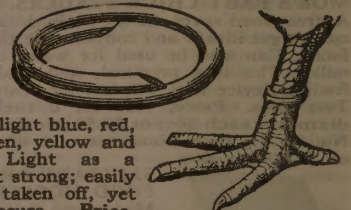
**SHIPPING BOXES FOR DAY OLD CHICKS.** The "Sefton."—In the handling of day-old chicks much of the success depends upon the condition in which the chicks reach their destination. The "Sefton" meets every requirement of strength, lightness in weight and isolation. 25 chicks, 12 x 6 x 5, each 30c; \$3.00 per doz.

## LEG BANDS

A hen seldom pays for her keep after the second laying year. After a hen is over a year old no one can tell how much older she may be, unless he has some method of identification. A good Leg Band will enable you to know at a glance the laying hen from the drones and non-producers. We offer the following dependable lines.

## "KEY-RING."

Made of celluloid in ten colors black, white, dark blue, pink, light blue, red, garnet, green, yellow and purple. Light as a feather, but strong; easily put on or taken off, yet perfectly secure. Price, postpaid: Doz. 20c; 25, 35c; 50, 60c; 100, \$1.00.



**MOE'S SELF-LOCKING.**—Locked simply by pushing it together. Can be removed only by destroying this band. Made of special new rust proof metal.

Supplied in different sizes; mention breed. Doz. 20c; 25, 35c; 50, 60c; 100, \$1.00.



**IMPROVED CHAMPION.**—Fits any fowl, double lock, impossible to loosen. Aluminum, large raised figures, numbered 1 to 100. More of this style sold than any other metal band made. Doz. 15c; 25, 25c; 50, 40c; 100, \$0.75.

The above are the three most popular styles. We have others; write if wanted, stating particulars.

**PETTY'S POULTRY MARKERS.**—For marking baby chicks, punches a clean hold in the web between the toes that will not bruise the foot. Price, postpaid, 25c.

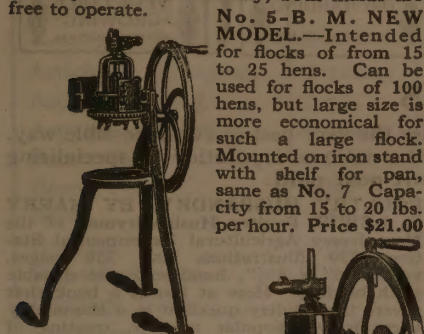
**SULPHUR CANDLES.**—For fumigating and lice killing. Close the hen house up tight and burn the candle. Keep hens out during process. Price, ¼ lb. size, each 10c; \$1.00 doz.; ½ lb. size, each 20c; \$2.00 doz.



# Practical Poultry Supplies

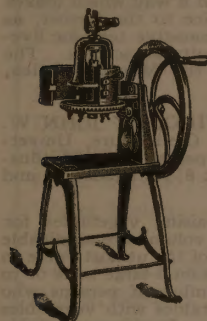


**MANN'S GREEN BONE CUTTERS.**—A large part of the value of green bones for poultry is due to the perfectly fresh animal food which they contain. Fresh ground bone when fed to laying hens will increase the egg production to a remarkable degree. Every farmer and poultry keeper should have a bone cutter of his own. Mann's Green Bone Cutters have been on the market for many years, and they are everywhere acknowledged to be the best made. As they feed automatically, both hands are free to operate.



**No. 5-B. M. NEW MODEL.**—This machine is exactly the same as No. 5 B.M., except that it has not the iron stand. Price: \$16.00.

**No. 7 NEW MODEL.**—This is by far the most popular size; intended for flocks of 40 to 100 hens. Can be profitably used for 200 hens or more, but we recommend No. 9 for flocks of more than 100. Mounted on strong iron stand, with large table for box or pan to receive cut bones. Patented new model, automatic governing spring feed. Large open-cylinder, giving instant access to all working parts. Capacity,  $\frac{1}{2}$  to 1 lb. per minute. Price: \$23.00.



**No. 9 NEW MODEL.** Intended for flocks of from 100 to 200 hens. The description of No. 7 will apply to this size also. The difference consists of larger cylinder, greater holding capacity, different design, and larger table. Capacity,  $\frac{3}{4}$  to 1  $\frac{1}{2}$  lbs. per minute. Price: \$34.00.

**WE CAN ALSO SUPPLY MANN BONE CUTTERS OF LARGER CAPACITY FOR POWER USE.**

Write for prices stating requirements.



**POULTRY KILLING KNIVES**  
French Pattern. Price each.....60c  
Pilling's Angular. Price each.....60c

## CAPONIZING SETS



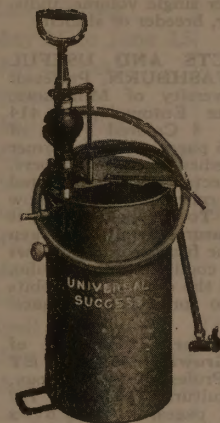
The Philadelphia Caponizing Set.—Price, complete with instructions, \$3.00 post paid.

The Pilling Special Caponizing Set.—Price, complete with instructions, \$4.50 postpaid.

**Pilling-Miles Capon Set.**—This set has many admirers. Very fine steel. Price, complete with instructions, \$5.50 postpaid.

**Cornell Caponizing Set.**—Price, complete with instructions, \$5.50 postpaid.

**CYPHERS LICE-PROOF PERCH SUPPORTS.**—Manufactured of iron and with ordinary care will last a life time. A big help in ridding your flock of lice and mites, and in keeping them away. The cup is filled with lice paint or kerosene oil. Two styles, upright, and wall. Price per pair, 60c.



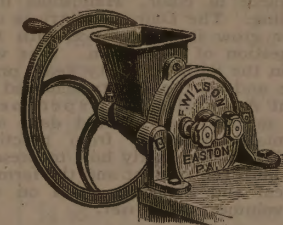
**DEMING'S UNIVERSAL WHITE-WASHING OUTFIT.** An ideal outfit for all purposes of White-washing, Disinfecting, Spraying, etc., and indispensable to the dairyman, poultryman and others, who aim to keep their buildings in sanitary condition. The outfit consists of the famous Deming Success Pump, mounted in a heavy galvanized, 4-gal. tank with foot-rest attachment. There is also a sliding cover with gravity lock and strainer for the liquid; four feet  $\frac{3}{8}$  inch hose, bordeaux combination nozzle (the best general purpose nozzle), also, fire nozzle and discharge plug. This is undoubtedly the most compact and the most efficient outfit for the size we have ever known of. Fully guaranteed. Price, \$15.75.

Price, \$15.75.



## DOUBLE QUICK GRAIN SPROUTERS

**The Perpetual Silo**  
These sprouters furnish green feed for poultry the year round, the feeding of which greatly increases the production of winter eggs. It is safe to say that the most valuable invention in the poultry industry since that of the incubator is the Double Quick Grain Sprouter. Sprouted grains not only greatly increase the egg yield, especially in the winter months when eggs are high in price, but it actually creates feed, making from two to four bushels of feed from a single bushel of oats. Prices: No. 2, 50 to 75 hens, \$10.50; No. 3, 100 to 150 hens, \$14.00; No. 4, 200 to 300 hens, \$18.00; No. 5, 400 to 600 hens, \$22.50; No. 6, 800 to 1200 hens, \$32.50.



**No. 1 POULTRYMAN'S MILL.**—Hand power. Will grind or granulate dry bones, oyster and clam shell, grit, gravel, stones, old crockery, glass, charcoal, corn, walnuts

and all sorts of grain. Also may be used in the house for grinding stale bread, crackers, roots, barks, etc. Price, \$8.50.

**MCDONALD'S QUALITY BIRD SEEDS**  
The following seeds are of select quality, carefully re-cleaned and free from impurities:

|                                          | Per lb. |
|------------------------------------------|---------|
| Bird Seed Mixture.....                   | \$0.20  |
| Canary.....                              | .25     |
| Hemp.....                                | .20     |
| Lettuce Seed.....                        | .75     |
| Linseed.....                             | .20     |
| Maw, oz. 10c; $\frac{1}{4}$ lb. 30c..... | 1.00    |
| Millet, White.....                       | .15     |
| Millet, Yellow.....                      | .10     |
| Rape.....                                | .20     |
| Sunflower.....                           | .20     |
| Parrot Mixture.....                      | .20     |
| Avi Sand.....                            | .10     |
| Cuttle Fish Bone, oz., 15c; 2 ozs., 25c. |         |

**BLATCHFORD'S CALF MEAL.**—Its richness in feeding value makes Blatchford's Calf Meal easily recognized as the best and most economical milk-substitute. A 50-pound bag of Blatchford's Calf Meal, the original and only complete milk-substitute, is equal in feeding value to 50 gallons of whole milk, and will nourish a calf from the time it is four or five days old until it can eat ordinary feed. Another bag or two, combined with ordinary feed, will start it well on toward sturdy maturity. You can sell your milk and put the calves through safely and surely to a healthy, vigorous maturity on Blatchford's Calf Meal by following the simple directions which come in every bag. Price: 25 lb. sack, \$1.85; 50 lb. sack, \$3.50; 100 lb. sack, \$6.75.



**BLATCHFORD'S RABBIT MEAL.**—This meal solves the problem of obtaining greatest growth in the shortest time at least expense. It builds up the young stock very rapidly and is a valuable addition to the fattening ration. Price 5 lb. package, 60c; 25 lb. sack, \$2.00.

## SPRATT'S WORLD FAMOUS DOG FOODS

**SPRATT'S MEAT "FIBRINE" DOG CAKES.**—The standard dog food. A staple and constant food for all breeds of dogs. Price: lb., 18c; 7-lb. sack, \$1.10.

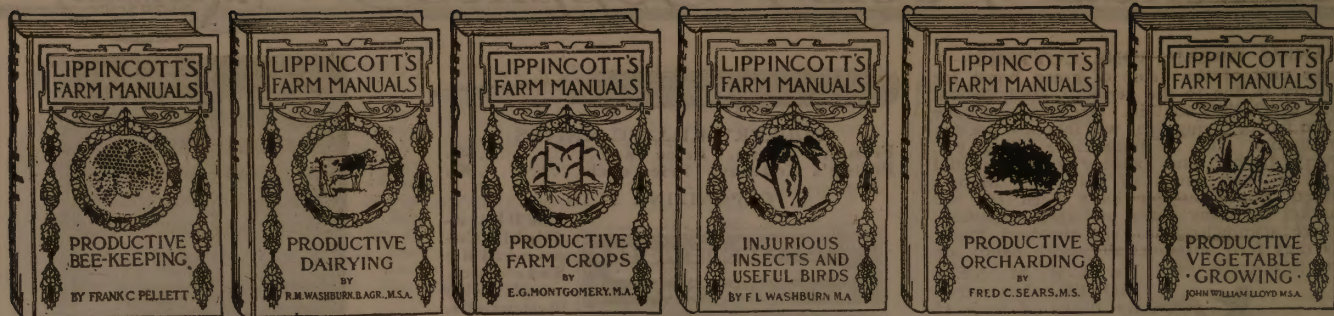
**SPRATT'S TERRIER BISCUITS.**—Specially prepared for terriers and other active dogs. Easily digested; makes bone and muscle, and not fat, thus assuring the true terrier qualities of energy and action. Price:  $\frac{1}{4}$  lb., 18c; 7-lb. sack, \$1.10.

**SPRATT'S PUPPY BISCUITS.**—A perfect and whole food for puppies of all breeds. Puppies should be started on these biscuits when about one month old, and they should be continued until such time as their teeth become sound and strong, usually when they are about six months old. Directions with each sack. Price: lb., 19c; 7-lb. sack, \$1.15.

**SPRATT'S "OVALS", THE POCKET DOG BISCUIT.**—A small meat biscuit of superior quality for small breeds. Price: lb., 20c; 7-lb. sacks, \$1.25.







## FARM AND GARDEN BOOKS

**LIPPINCOTT'S FARM MANUALS.** No effort has been spared to make this series the very best in every possible way. The text is clear and specific, the illustrations new and plentiful; each author has earned a national reputation by specializing in his subject, and offers specific advice in meeting every day questions. All books sent post paid.

**BEE-KEEPING, BY FRANK C. PELLETT,** *State Apiarist of Iowa.* Frontispiece in color, 134 illustrations, 326 pages, volume 6" x 8½", handsome and durable cloth binding. Bees are a money making asset on any farm, bringing annually a far greater return to your table and at the market than they cost in care and expense. The illustrations give in pictorial form all that is needed to explain the text. **THE BEST BEE BOOK.** Price, \$2.50 net.

**DAIRYING, BY R. M. WASHBURN, B.AGR., M.S.A.,** Professor of Dairy Husbandry, University of Minnesota. 432 pages. 131 illustrations. Frontispiece in color. Handsome durable cloth binding. The Dairy industry is one that must ever grow in importance with the increasing congestion of population. This volume is based on the author's thirty years practical experience and on the results achieved at the Government Agricultural Experiment Stations. The author has collected data and answered so many questions from practical dairymen that he knows exactly how to present the subject for both the student and the farmer. All the Practical and Scientific Data on the Subject in one volume. \$2.50 net.

**DISEASES OF FARM ANIMALS, BY R. A. CRAIG, D.V.M.,** Professor of Veterinary Science, Purdue University, Chief Veterinarian, Purdue University Experimental Station. 124 illustrations, 327 pages, volume 6" x 8½", handsome and durable cloth binding. Success in live stock farming has its foundation in maintaining good health in the animals. The author has specially emphasized the causes, prevention and early recognition of common diseases. The author has set himself a difficult task and performed it with fidelity. The chapter upon the best method of telling the age of farm animals will mean money in the bank when you make your next purchase. This is an entirely new book, giving the latest word upon the subject, written straight from the shoulder by the leading authority. Price, \$2.50 net.

**FARM CROPS, BY E. G. MONTGOMERY, M.A.,** Professor of Farm Crops, Cornell University. Frontispiece in color, 203 illustrations, 522 pages, volume 6" x 8½", handsome and

durable cloth binding. To increase your yield per acre at reduced cost get the twentieth century scientific information. It is all presented in this book in a clear and practical manner. Scientific information in the Farmer's Best Investment. Price, \$2.50 net.

**HORSE HUSBANDRY, BY CARL W. GRAY,** Professor of Animal Husbandry, Chairman of the Animal Husbandry Section of the Department of Agriculture, University of Minnesota. 173 illustrations, and 331 pages. Volume 6" x 8½". Handsome and durable cloth binding. There are four main divisions to the book, covering structure and function, types and breeds, the principles of breeding, and the horse in service. The book contains a vast amount of information not found in any other single volume, indispensable to the farmer, breeder or student. Price, \$2.50 net.

**INJURIOUS INSECTS AND USEFUL BIRDS, BY F. L. WASHBURN,** Professor of Entomology, University of Minnesota, and Minnesota State Entomologist. 414 Figures in the Text. 4 Colored Plates of Birds and Insects, 436 pages. To the farmer this book offers remedies for grasshoppers, cutworms, grain insects, and four-footed pests. To the stock raiser it suggests how to control parasites. To the poultryman it gives preventive measures against chicken lice and mites. To the fruit grower it shows how to keep down the codling moth, curculio, scale, etc.; how to rid the orchard of rabbits and mice, and how to spray and fumigate. Price, \$2.50 net.

**ORCHARDING, Modern Methods of Marketing and Growing Fruit, BY FRED. C. SEARS,** Professor of Pomology, Massachusetts Agricultural College, 157 illustrations and 316 pages, volume 6" x 8½", handsome and durable cloth binding. The author has devoted years to fruit growing on a large scale, and in this book has carefully sifted out and discarded orchard methods which will not work and included only those of known and tried value. It is indispensable to any student, farmer or fruit-grower. Price, \$2.50 net.

**POULTRY HUSBANDRY, BY HARRY R. LEWIS,** Poultry Husbandryman of the New Jersey Agricultural Experimental Station. 329 illustrations and 536 pages, volume 6" x 8½", handsome and durable cloth binding. Here at last is a book that covers the Poultry question in a thoroughly scientific yet popular manner, treating of every subject in sufficient detail to make it in every way clear. There is no problem in any phase of practical poultry raising that is not thoroughly and clearly treated in this book. This veritable encyclopedia is only \$2.50 net.

**SHEEP HUSBANDRY, BY W. C. COFFEY,** Prof. Sheep Husbandry, University of Illinois. 262 illustrations. Colored Frontispiece, 4 maps. 479 pages. In the days when sheep had free range over large tracts of land, rough-and-ready methods answered well enough; but when sheep are kept on a restricted acreage, successful flock husbandry depends upon careful attention to breeding, feeding, shepherding, and marketing. A scientific and thorough knowledge of the whole subject is required. Professor Coffey's book meets that need in a way which makes it of the greatest service to the farmer, as well as a clear and exhaustive text for livestock courses in agricultural schools. The Best Sheep Book for the Money. Price, \$2.50 net.

**VEGETABLE GROWING, BY JOHN W. LLOYD,** Professor of Olericulture, University of Illinois. 340 pages and 192 illustrations. Volume 6" x 8½", handsome and durable cloth-binding.

The principles of raising vegetables for profit set forth in this volume are applicable in all sections, and are of the utmost value to all who raise vegetables on a large scale or to the ever-increasing number of persons who desire to supply their tables with vegetables from their own gardens. It places vegetable gardening on a safe and sure basis, and will enable all who desire to profitably engage in this work. Price, \$2.50.



### A B C and X Y Z of Bee Culture.

A. L. Root. Illustrated. 300 engravings. 437 pages—cloth \$2.50

### Agriculture for Beginners.

Burkett, Stevens and Hill. A book for home and school. 350 pages—cloth..... \$1.50

### Alfalfa, F. D. Coburn.

Its growth uses and feeding value. 164 pages—cloth..... 60c

### Asparagus, F. M. Hexamer.

Its culture for home use and for Market. 174 pages—cloth..... 75c

### Amateur's Practical Garden Book.

Hunn and Bailey. 250 pages—cloth..... \$1.25

### American Apple Orchard, F. A. Waugh.

A practical, pointed work. 226 pages—cloth. \$1.50

### Barns, Plans and Out Buildings.

Edwin C. Powell. 375 illustrations. A standard and valuable book. 404 pages—cloth..... \$1.50

### Barry's Fruit Garden.

516 pages—cloth..... \$1.75

### Bulbs and Tuberous Rooted Plants.

C. L. Allen. 312 pages—cloth..... \$1.75

### Cabbage, Cauliflower and Allied Vegetables.

C. L. Allen. 128 pages—cloth..... 75c

### Celery Culture.

W. R. Beattie. 150 pages—cloth..... 75c

### Chrysanthemum, The.

A. Herrington. 160 pages—cloth. 75c

### Farm and Garden Rule Book.

L. H. Bailey. 587 pages—cloth \$2.25

### Fertilizers.

E. B. Voorhees. 335 pages—cloth..... \$1.75

### Fruits and Fruit Culture.

L. H. Bailey..... \$2.00

### Garden Planning.

W. S. Rogers. Especially written for small gardeners 424 pages—cloth. \$1.25

### Gardening for Profit.

Peter Henderson. 375 pages. Illustrated—cloth..... \$1.75

### Gardening for Pleasure.

Peter Henderson. Valuable information on home gardening. 404 pages—cloth..... \$1.75

### Greenhouse Management.

L. R. Taft. 400 pages. 128 illustrations—cloth..... \$1.75

### Greenhouse Construction.

L. R. Taft. 218 pages—cloth \$1.75

### Handbook of Plants and General Horticulture.

Peter Henderson. All relating to Horticulture, given in alphabetical order. 800 illustrations. 536 pages—cloth..... \$3.25

### Home Floriculture.

Eben E. Rexford. Illustrated. 300 pages—cloth..... \$1.25

### Insects and Insecticides.

Clarence R. Weed, D.Sc. Covers the whole field; gives up-to-date methods of fighting insects. Illustrated. 336 pages—cloth..... \$1.75

### Landscape Gardening.

F. A. Waugh. Illustrated. 150 pages—cloth..... 90c

### Management and Feeding of Cattle.

Prof. Shaw. Illustrated. 496 pages—cloth..... \$2.25

### Mushrooms. How to Grow Them.

W. Falconer. Illustrated. 169 pages..... \$1.25

### Practical Floriculture.

P. Henderson. A guide for amateur and professional Florists. Illustrated. 325 pages..... \$1.75

### Peony Manual.

C. S. Harrison. Paper..... 35c

### Phlox, Manual of.

C. S. Harrison. Paper..... 35c

### Parsons on the Rose. On Propagation.

Culture and History. Illustrated. 211 pages—cloth \$1.25

### Potato, The.

Sam. Fraser. Information of value to both the grower and the student..... 90c

### Pruning, The Book of.

L. H. Bailey. 530 pages—cloth \$2.25

### Roses and How to Grow Them.

By Many Experts..... \$1.75

### Strawberry Cultivist.

Andrew S. Fuller. Enables everybody to raise their own Strawberries. 60 pages—Flexible cloth..... 40c

### Success in Market Gardening.

W. W. Rawson. 240 pages. Illustrated—cloth..... \$1.25

### Tomato Culture.

W. W. Tracy. 150 pages. Illustrated—cloth 75c

### Window Flower Garden.

J. J. Heinrich. 123 pages—cloth 75c



# McDonald's Guide to the Garden

| Vegetable               | Seeds or Plants for 100 ft. row | When to Plant in Open Ground | Rows Apart        |                  | Plants Apart in Rows | Depth to Plant | Days for Seed to Germinate | Time to Mature Crop |
|-------------------------|---------------------------------|------------------------------|-------------------|------------------|----------------------|----------------|----------------------------|---------------------|
|                         |                                 |                              | Horse Cultivation | Hand Cultivation |                      |                |                            |                     |
| Artichoke, Jerusalem... | 2 quarts                        | Early Spring                 | 3 to 3½ ft        | 2 ft.            | 15 in.               | 4 in.          |                            | Spring to Fall      |
| Asparagus, Seed.....    | 2 ozs.                          | May or June                  | 2½ ft.            | 2 ft.            | 3 in.                | 1 in.          | 10 to 14                   | 3 years             |
| Asparagus, Plants.....  | 70 plants                       | Early Spring                 | 3 ft.             | 2 ft.            | 18 in.               | 4 in.          |                            | 1 to 3 years        |
| Beans, Bush.....        | 2 lbs.                          | May to July                  | 3 ft.             | 2 ft.            | 3 in.                | 2 in.          | 5 to 10                    | 40 to 65 days       |
| Beans, Pole.....        | ½ lb.                           | June                         | 3½ ft.            | 3½ ft.           | 3½ ft.               | 2 in.          | 5 to 10                    | 50 to 80 days       |
| Beets.....              | 2 ozs.                          | Early Spring                 | 2 ft.             | 1 ft.            | 6 in.                | 1 in.          | 7 to 14                    | 60 to 80 days       |
| Broccoli.....           | ¼ oz.                           | May or June                  | 2½ ft.            | 2 ft.            | 18 in.               | ½ in.          | 5 to 10                    | 100 to 125 days     |
| Brussels Sprouts.....   | ¼ oz.                           | May or June                  | 3 ft.             | 2 ft.            | 18 in.               | ½ in.          | 5 to 10                    | 100 to 125 days     |
| Cabbage, Early.....     | 1/3 oz.                         | Early Spring                 | 3 ft.             | 2 ft.            | 15 in.               | ½ in.          | 5 to 10                    | 100 to 130 days     |
| Cabbage, Late.....      | 1/3 oz.                         | May or June                  | 3 ft.             | 2 ft.            | 18 in.               | ½ in.          | 5 to 10                    | 160 days            |
| Carrot.....             | 1 oz.                           | Early Spring                 | 2½ ft.            | 1 ft.            | 6 in.                | ½ in.          | 10 to 20                   | 80 to 100 days      |
| Cauliflower.....        | ¼ oz.                           | May or June                  | 2½ ft.            | 2 ft.            | 18 in.               | ½ in.          | 5 to 10                    | 100 to 130 days     |
| Celeriac.....           | ¼ oz.                           | May or June                  | 2½ ft.            | 1½ ft.           | 8 in.                | 1/8 in.        | 10 to 20                   | 100 to 150 days     |
| Celery.....             | ¼ oz.                           | May or June                  | 3 ft.             | 2½ ft.           | 12 in.               | 1/8 in.        | 10 to 20                   | 100 to 160 days     |
| Chard, Swiss.....       | 2 ozs.                          | Early Spring                 | 2½ ft.            | 1½ ft.           | 6 in.                | 1 in.          | 7 to 14                    | 60 to 75 days       |
| Chinese Cabbage.....    | 1/3 oz.                         | Early Spring                 | 2 ft.             | 1½ ft.           | 15 in.               | ½ in.          | 5 to 10                    | 120 days            |
| Citron.....             | 1 oz.                           | May 15 to June 15            | 6 ft.             | 6 ft.            | 6 ft.                | 1 in.          | 7 to 14                    | 100 to 120 days     |
| Corn.....               | ¼ lb.                           | May or June                  | 3 ft.             | 2½ ft.           | 1½ ft.               | 2 in.          | 5 to 10                    | 60 to 100 days      |
| Cress, Curled.....      | 1 oz.                           | Spring                       | 2 ft.             | 1 ft.            | 5 in.                | ½ in.          | 7 to 12                    | 50 to 60 days       |
| Cress, Water.....       | ¼ oz.                           | May or June                  |                   | 1½ ft.           | 6 in.                |                | 7 to 14                    | 45 to 60 days       |
| Cucumber.....           | ½ oz.                           | May 15 to June 15            | 5 ft.             | 4 ft.            | 4 ft.                | ¾ in.          | 5 to 10                    | 60 to 80 days       |
| Egg Plant.....          | ¼ oz.                           | June                         | 4 ft.             | 3 ft.            | 2 ft.                | ½ in.          | 7 to 14                    | 130 to 150 days     |
| Endive.....             | 2/3 oz.                         | June                         | 2½ ft.            | 1 ft.            | 1 ft.                | ¼ in.          | 5 to 10                    | 50 to 80 days       |
| Kale or Borecole.....   | ½ oz.                           | May or June                  | 3 ft.             | 2 ft.            | 1½ ft.               | ½ in.          | 5 to 10                    | September           |
| Kohl Rabi.....          | ½ oz.                           | May to July                  | 3 ft.             | 2 ft.            | 6 in.                | ½ in.          | 5 to 10                    | 75 to 100 days      |
| Leek.....               | 1 oz.                           | Early Spring                 | 2 ft.             | 1 ft.            | 6 in.                | 1 in.          | 7 to 14                    | 110 to 160 days     |
| Lettuce.....            | 1 oz.                           | April to Aug.                | 2½ ft.            | 1½ ft.           | 8 in.                | ¼ in.          | 5 to 10                    | 60 to 90 days       |
| Musk Melon.....         | ½ oz.                           | May 15 to June 15            | 6 ft.             | 6 ft.            | 6 ft.                | ½ in.          | 5 to 10                    | 100 to 120 days     |
| Water Melon.....        | 1 oz.                           | May 15 to June 15            | 8 ft.             | 8 ft.            | 8 ft.                | 1 in.          | 7 to 14                    | 100 to 120 days     |
| Mustard.....            | 2 oz.                           | Early Spring                 | 2 ft.             | 1 ft.            | 6 in.                | ½ in.          | 5 to 10                    | 30 to 50 days       |
| New Zealand Spinach..   | 1 oz.                           | Early Spring                 | 3 ft.             | 2 ft.            | 2 ft.                | 1 in.          | 7 to 14                    | 60 to 100 days      |
| Onion, Seed.....        | 1 oz.                           | Early Spring                 | 2 ft.             | 1 ft.            | 4 in.                | ½ in.          | 7 to 14                    | 110 to 140 days     |
| Onions, Sets.....       | 2 quarts                        | Early Spring                 | 2 ft.             | 1 ft.            | 4 in.                | 1 in.          |                            | 50 days             |
| Parsley.....            | 2/3 oz.                         | Early Spring                 | 2 ft.             | 1 ft.            | 3 in.                | ½ in.          | 12 to 20                   | 90 to 120 days      |
| Parsnip.....            | 2/3 oz.                         | April or May                 | 2½ ft.            | 1½ ft.           | 6 in.                | ½ in.          | 12 to 20                   | 120 to 150 days     |
| Peas.....               | 2 lbs.                          | Early Spring                 | 3 ft.             | 2 ft.            | 4 in.                | 2 in.          | 6 to 12                    | 60 to 80 days       |
| Pepper.....             | ¼ oz.                           | June                         | 2½ ft.            | 2½ ft.           | 2 ft.                | ½ in.          | 7 to 14                    | 110 to 140 days     |
| Potato.....             | 15 lbs.                         | May 15 to June 15            | 3 ft.             | 3 ft.            | 1 ft.                | 4 in.          |                            | 80 to 140 days      |
| Pumpkin.....            | 1 oz.                           | May 15 to June 15            | 8 ft.             | 8 ft.            | 8 ft.                | 1 in.          | 5 to 10                    | 100 to 130 days     |
| Radish.....             | 1 oz.                           | April to August              | 2 ft.             | 1 ft.            | 3 in.                | ½ in.          | 3 to 6                     | 25 to 40 days       |
| Rhubarb, Seed.....      | 2 oz.                           | Early Spring                 | 3 ft.             | 2 ft.            | 1 ft.                | 1 in.          | 10 to 20                   | 2 to 3 years        |
| Rhubarb, Plants.....    | 35 roots                        | Spring                       | 4 ft.             | 3 ft.            | 3 ft.                | 4 in.          |                            | 1 to 2 years        |
| Sage.....               | 1 oz.                           | Early Spring                 | 2 ft.             | 15 in.           | 8 in.                | ½ in.          | 14 to 20                   | 140 to 160 days     |
| Salsify.....            | 2 oz.                           | Early Spring                 | 2 ft.             | 1 ft.            | 6 in.                | 1 in.          | 7 to 10                    | 125 to 150 days     |
| Savory.....             | 1 oz.                           | April or May                 | 2 ft.             | 1 ft.            | 6 in.                | ½ in.          | 15 to 25                   | 140 to 160 days     |
| Spinach.....            | 1 oz.                           | April to August              | 2½ ft.            | 1 ft.            | 6 in.                | 1 in.          | 5 to 10                    | 50 to 60 days       |
| Squash, Summer.....     | 1 oz.                           | May 20 to June 20            | 6 ft.             | 6 ft.            | 4 ft.                | 1 in.          | 5 to 10                    | 60 to 70 days       |
| Squash, Winter.....     | 1 oz.                           | May 20 to June 20            | 6 ft.             | 6 ft.            | 6 ft.                | 1 in.          | 5 to 10                    | 120 to 140 days     |
| Sweet Marjoram.....     | ½ oz.                           | Early Spring                 | 2½ ft.            | 1 ft.            | 6 in.                | ¼ in.          | 15 to 25                   | 120 to 140 days     |
| Swede Turnip.....       | 1 oz.                           | June or July                 | 2½ ft.            | 1½ ft.           | 8 in.                | ½ in.          | 5 to 10                    | 70 to 100 days      |
| Turnip.....             | 1 oz.                           | Early Spring                 | 2 ft.             | 1 ft.            | 8 in.                | ½ in.          | 5 to 10                    | 40 to 60 days       |
| Thyme.....              | 1 oz.                           | Early Spring                 | 2 ft.             | 1½ ft.           | 6 in.                | ½ in.          | 15 to 30                   | 120 to 150 days     |
| Tomato.....             | ¼ oz.                           | May 20 to June 20            | 4 ft.             | 4 ft.            | 4 ft.                | ½ in.          | 7 to 12                    | 130 to 150 days     |



## Classified Index

| VEGETABLE SEEDS                |       | Page |                                |       | Page |                          |       | Page |
|--------------------------------|-------|------|--------------------------------|-------|------|--------------------------|-------|------|
| Novelties and Specialties..... | Page  |      | Novelties and Specialties..... | Page  |      | BULBS AND PLANTS         | Page  |      |
|                                | 2-3   |      |                                | 4-5   |      |                          | 78    |      |
| Artichoke.....                 | 7     |      | Abronia.....                   | 54    |      | Achillea.....            | 78    |      |
| Asparagus.....                 | 7     |      | Abutilon.....                  | 54    |      | Aconitum.....            | 78    |      |
| Asparagus Roots.....           | 7     |      | Achillea.....                  | 54    |      | Aquilegia.....           | 78    |      |
| Beans, Bush.....               | 8-9   |      | Aconitum.....                  | 54    |      | Campanula.....           | 78    |      |
| Beans, Dwarf, Lima.....        | 9     |      | Acroclonium.....               | 54    |      | Cannas.....              | 77    |      |
| Beans, Pole.....               | 9     |      | Adonis.....                    | 55    |      | Chrysanthemum.....       | 78    |      |
| Beets.....                     | 10    |      | African Daisy.....             | 55    |      | Coreopsis.....           | 78    |      |
| Borecole or Kale.....          | 10    |      | Ageratum.....                  | 54    |      | Dahlias.....             | 77    |      |
| Broccoli.....                  | 10    |      | Agrostemma.....                | 54    |      | Delphinium.....          | 78    |      |
| Brussels Sprouts.....          | 11    |      | Alyssum.....                   | 54    |      | Digitalis.....           | 78    |      |
| Cabbage, Early.....            | 11    |      | Ammobium.....                  | 54    |      | English Daisy.....       | 78    |      |
| Cabbage, Second Early.....     | 11    |      | Anchusa.....                   | 54    |      | Foxglove.....            | 78    |      |
| Cabbage, Late.....             | 12    |      | Antirrhinum.....               | 55    |      | Gaillardia.....          | 78    |      |
| Cabbage, Red.....              | 12    |      | Aquilegia.....                 | 55    |      | Gladiolus.....           | 76    |      |
| Cabbage, Savoy.....            | 12    |      | Arabis.....                    | 55    |      | Golden Glow.....         | 79    |      |
| Carrots.....                   | 13    |      | Arctotis.....                  | 55    |      | Hardy Phlox.....         | 79    |      |
| Carrots for Stock.....         | 39    |      | Asparagus.....                 | 55    |      | Heliotrope.....          | 79    |      |
| Cauliflower.....               | 14    |      | Asters.....                    | 55-56 |      | Hollyhock.....           | 78    |      |
| Celery.....                    | 15    |      | Aubrietia.....                 | 57    |      | Holland Bulbs.....       | 82-83 |      |
| Celeriac.....                  | 14    |      | Balsam.....                    | 57    |      | Iris.....                | 78    |      |
| Chervil.....                   | 13    |      | Bartonia.....                  | 57    |      | Lilies.....              | 79    |      |
| Chicory.....                   | 14    |      | Bellis.....                    | 57    |      | Peonies.....             | 79-80 |      |
| Chives.....                    | 14    |      | Brachycome.....                | 57    |      | Roses.....               | 80-81 |      |
| Citron.....                    | 15    |      | Calceolaria.....               | 57    |      | Rudbeckia.....           | 79    |      |
| Corn, Sweet.....               | 16-17 |      | Calendula.....                 | 57    |      | Tuberose.....            | 77    |      |
| Corn, Pop.....                 | 17    |      | California Poppy.....          | 62    |      | LAWN AND GARDEN SUNDRIES |       |      |
| Corn, Salad.....               | 15    |      | Calliopis.....                 | 58    |      |                          |       |      |
| Cress.....                     | 17    |      | Campanula.....                 | 58    |      | Asparagus Bunchers.....  | 89    |      |
| Cucumber.....                  | 18-19 |      | Canary Vine.....               | 57    |      | Asparagus Knives.....    | 89    |      |
| Cucumber, Serpent.....         | 30    |      | Candytuft.....                 | 58    |      | Atomizers.....           | 86    |      |
| Egg Plant.....                 | 20    |      | Canna.....                     | 59    |      | Azalea Pots.....         | 88    |      |
| Endive.....                    | 19    |      | Canterbury Bells.....          | 58    |      | Bamboo Canes.....        | 89    |      |
| Garden Lemon.....              | 30    |      | Cardinal Climber.....          | 58    |      | Baskets.....             | 88    |      |
| Garlic.....                    | 20    |      | Carnation.....                 | 58    |      | Berry Boxes.....         | 88    |      |
| Herbs.....                     | 38    |      | Castor Oil Bean.....           | 71    |      | Berry Crates.....        | 88    |      |
| Horse Radish.....              | 20    |      | Celosia.....                   | 58    |      | Bouquet Holders.....     | 88    |      |
| Kohl Rabi.....                 | 20    |      | Centaurea.....                 | 59    |      | Broadcast Seeders.....   | 89    |      |
| Leek.....                      | 20    |      | Chrysanthemum.....             | 59    |      | Edging Knives.....       | 89    |      |
| Lettuce.....                   | 21-22 |      | Cineraria.....                 | 59    |      | Fern Fans.....           | 88    |      |
| Mango Melon.....               | 30    |      | Clarkia.....                   | 59    |      | Flower Pots.....         | 88    |      |
| Melon, Musk.....               | 23    |      | Clematis.....                  | 60    |      | Forks.....               | 87    |      |
| Melon, Water.....              | 24    |      | Coboea.....                    | 59    |      | Fountain Sprinklers..... | 89    |      |
| Mushroom Spawn.....            | 24    |      | Coleus.....                    | 59    |      | Fruit Baskets.....       | 88    |      |
| Mustard.....                   | 25    |      | Columbine.....                 | 55    |      | Garden Reels.....        | 89    |      |
| Okra or Gumbo.....             | 20    |      | Convolvulus.....               | 66    |      | Glazing Points.....      | 89    |      |
| Onions.....                    | 26-27 |      | Coreopsis.....                 | 58    |      | Glazing Putty.....       | 89    |      |
| Onion Sets.....                | 27    |      | Cosmos.....                    | 60    |      | Gloves.....              | 89    |      |
| Paralei.....                   | 25    |      | Cucumber, Wild.....            | 60    |      | Grass Catchers.....      | 89    |      |
| Parasip.....                   | 25    |      | Cyclamen.....                  | 60    |      | Grass Edgers.....        | 89    |      |
| Pepper.....                    | 29    |      | Cypress Vine.....              | 60    |      | Grass Hooks.....         | 88    |      |
| Peas.....                      | 28-29 |      | Dahlia.....                    | 60    |      | Hand Cultivators.....    | 87    |      |
| Pop Corn.....                  | 17    |      | Delphinium.....                | 61    |      | Hammers.....             | 89    |      |
| Potatoes.....                  | 31    |      | Dianthus.....                  | 61    |      | Hoes.....                | 87    |      |
| Pumpkin.....                   | 30    |      | Digitalis.....                 | 62    |      | Hose.....                | 89    |      |
| Radish.....                    | 32    |      | Dimorphotheca.....             | 61    |      | Hose Menders.....        | 89    |      |
| Rhubarb.....                   | 33    |      | Dolichos.....                  | 60    |      | Hose Reels.....          | 89    |      |
| Salsify.....                   | 32    |      | Dracaena.....                  | 61    |      | Hotbed Mats.....         | 89    |      |
| Spinach.....                   | 33    |      | Echinops.....                  | 61    |      | Knives.....              | 87    |      |
| Squash.....                    | 34    |      | English Daisy.....             | 57    |      | Labels.....              | 89    |      |
| Swiss Chard.....               | 33    |      | Eachscholtzia.....             | 62    |      | Ladders.....             | 89    |      |
| Tobacco.....                   | 38    |      | Forget-Me-Not.....             | 62    |      | Lawn Fence.....          | 89    |      |
| Tomato.....                    | 36-37 |      |                                |       |      | Lawn Mowers.....         | 89    |      |
| Turnip, Table sorts.....       | 35    |      |                                |       |      | Lawn Rollers.....        | 89    |      |
| Turnip, for Stock.....         | 40    |      |                                |       |      | Lawn Sprinklers.....     | 89    |      |
|                                |       |      |                                |       |      | Lawn Weeders.....        | 88    |      |
|                                |       |      |                                |       |      | Mattocks.....            | 89    |      |
|                                |       |      |                                |       |      | Measures.....            | 89    |      |
|                                |       |      |                                |       |      | Nozzles.....             | 87    |      |
|                                |       |      |                                |       |      | Pencils.....             | 89    |      |
|                                |       |      |                                |       |      | Plant Stakes.....        | 89    |      |
|                                |       |      |                                |       |      | Plant Stands.....        | 89    |      |
|                                |       |      |                                |       |      | Plant Supports.....      | 89    |      |
|                                |       |      |                                |       |      | Plant Tubs.....          | 88    |      |
|                                |       |      |                                |       |      | Plows.....               | 89    |      |
|                                |       |      |                                |       |      | Pot Hangers.....         | 89    |      |
|                                |       |      |                                |       |      | Pot Labels.....          | 89    |      |
|                                |       |      |                                |       |      | Powder Guns.....         | 87    |      |
|                                |       |      |                                |       |      | Pruning Knives.....      | 87    |      |
|                                |       |      |                                |       |      | Pruning Saws.....        | 87    |      |
|                                |       |      |                                |       |      | Putty Bulbs.....         | 89    |      |
|                                |       |      |                                |       |      | Rustic Settees.....      | 89    |      |
|                                |       |      |                                |       |      | Raffia.....              | 89    |      |
|                                |       |      |                                |       |      | Rakes.....               | 89    |      |
|                                |       |      |                                |       |      | Rolling Saucers.....     | 88    |      |
|                                |       |      |                                |       |      | Saucers.....             | 88    |      |
|                                |       |      |                                |       |      | Scissors.....            | 87    |      |

## McDonald's Red Figure Price List

This list, issued periodically, will keep you posted on market values. It quotes current prices on High-Grade Stocks of Seed Grains, Timothy, Clovers, Corn, etc. Write for your copy—Its free.



(Extra copies of which will be mailed upon request)



Date.....

Gentlemen.—Please send the following seeds, etc. per **Express Freight**

Name .....

P.O. Box, Street Address  
or Rural Route No. }

Post Office.....

Railroad ..... Province .....

Express or Freight Office.....

County.....

KENNETH McDONALD & SONS, LIMITED

| AMOUNT ENCLOSED |         |      | DO NOT WRITE IN THIS SPACE |  |
|-----------------|---------|------|----------------------------|--|
|                 | Freight | Cts. | Order No.                  |  |
| Cash            |         |      | Date Rec'd                 |  |
| P. O. Order     |         |      | Filled By                  |  |
| Express "       |         |      | Checked By                 |  |
| Bank Draft      |         |      | Packed By                  |  |
| Stamps          |         |      | No. Pieces                 |  |
| Total           |         |      | Forw'd By                  |  |
|                 |         |      | Date Shipped               |  |

[illegible]

Amount carried forward

NOTE.—If special quotations are desired on any items, or enquiries to be made, kindly write them on a separate sheet.



[illegible]

| QUANTITY               | CATALOG<br>NUMBER | NAME OF SEEDS, ETC., WANTED | Dollars | Cent |
|------------------------|-------------------|-----------------------------|---------|------|
| Amount brought forward |                   |                             |         |      |
| Total                  |                   |                             |         |      |



Prices given in this list are based on market values of this date, and are good only for prompt acceptance; wise, subject to change or our confirmation on receipt of order.

UP TO AND INCLUDING MARCH 15TH, WE DELIVER, FREIGHT PAID TO YOUR STATION, ALL ORDER VALUE OF \$25.00 AND UPWARDS. AFTER MARCH 15TH, ALL SHIPMENTS ARE FORWARDED ENTIRELY PURCHASER'S EXPENSE.

Please bear in mind that McDonald's Seeds are the best obtainable; they are full of life, hardy and vigorous. waste your time, which is surely valuable; your labor, land, fertilizer and equipment, all of which are expensive, on which cannot possibly give you a right return from the crop. McDonald's Tested Seeds possess inherent crop-producing qualities which makes them a good safe investment. You can "bank on" McDonald's Seeds. Order now while seeds are complete.

TERMS: CASH WITH ORDER. Cotton Bags are extra at 60 cents each.

## McDonald's Dependable Brands

### "MOUNT" BRAND

An extra select seed of No. 1 Grade. Can always be relied upon for its high standard of purity and germination.

### Nothing Better.

### "MEADOW" BRAND

Frequently equal to No. 1 Grade in real value, the difference being largely in general appearance or slightly off color of the seed.

### Always Reliable.

### "PLAIN" BRAND

A good No. 2 Grade, offered at low a price as seems consistent with dependable quality.

### Good for the Price

**NON-WARRANTY.**—While we recognize the trust reposed in us, and are proud of the confidence we enjoy, we cannot shield ourselves from the risks we would run if we were held responsible for the crops. Most failures of seed are due to causes beyond our control, such as unfavorable weather and soil conditions, which renders impossible for us to guarantee success. Therefore, while we exercise the greatest care to have all seeds pure and reliable, in common with other seedsmen, we give no warranty expressed or implied, and we will not be responsible in any way for the crop. If the purchaser does not accept the seeds on these terms and conditions, they may be returned at once.—Kenneth McDonald & Sons, Limited.

Timothy and Clover Seed supplied at 100-lb. price in quantities of 25 lbs. and upwards. Add 1 cent per lb. in less quantities.

### TIMOTHY

|                       | Grade | Per 100 lbs. |
|-----------------------|-------|--------------|
| Mount                 | 1     | \$22.00      |
| Special               | 1     | 21.50        |
| Meadow (No. 1 Purity) | 2     | 20.50        |
| Pine Tree             | 2     | 20.25        |
| Plain                 | 2     | 20.00        |
| Valley                | 3     | 18.50        |

### CLOVERS

#### Early or Medium

|         |   |         |
|---------|---|---------|
| Mount   | 1 | \$75.00 |
| Special | 1 | 74.00   |
| Meadow  | 2 | 72.00   |
| Plain   | 2 | 71.00   |

#### Mammoth Late Red

|         |   |         |
|---------|---|---------|
| Mount   | 1 | \$78.00 |
| Special | 1 | 77.00   |
| Meadow  | 2 | 75.00   |
| Plain   | 2 | 74.00   |

#### Alsike

|                          |   |         |
|--------------------------|---|---------|
| Mount                    | 1 | \$72.00 |
| Special                  | 1 | 71.00   |
| Meadow                   | 2 | 68.00   |
| Alsike and Timothy Mixed |   | 35.00   |

#### White Clover

|        |  |         |
|--------|--|---------|
| Fancy  |  | \$80.00 |
| Choice |  | 75.00   |
| Prime  |  | 70.00   |

#### Alfalfa

|                                      |   |         |
|--------------------------------------|---|---------|
| "Gold Medal" (Northern hardy strain) | 1 | \$70.00 |
| Mount (American)                     | 1 | 65.00   |
| Meadow                               | 2 | 62.00   |
| Grimm's                              | 1 | 85.00   |

#### Sweet Clover

|                                |   |         |
|--------------------------------|---|---------|
| White Blossom (Melilotus Alba) |   |         |
| Fancy                          | 1 | \$42.00 |
| Choice                         | 2 | 40.00   |

#### Crimson Clover

|                |  |         |
|----------------|--|---------|
| Crimson Clover |  | \$30.00 |
|----------------|--|---------|

### GRASS SEEDS

#### All Fancy Grades

|                   | Per 100 lbs. |
|-------------------|--------------|
| Bromus Inermis    | \$48.00      |
| Canadian Blue     | 25.00        |
| Kentucky Blue     | 50.00        |
| Meadow Fescue     | 60.00        |
| Orchard Grass     | 48.00        |
| Red Top           | 30.00        |
| Perennial Rye     | 20.00        |
| Crested Dogtail   | 50.00        |
| Tall Meadow Oat   | 50.00        |
| Creeping Bent     | 55.00        |
| Meadow Foxtail    | 50.00        |
| Rhode Island Bent | 50.00        |

### FODDER PLANTS

|                                          | 10 lbs. | 100 lbs. |
|------------------------------------------|---------|----------|
| Cow Peas (Whip-Poor-Will)                | \$1.75  | \$15.00  |
| Broom Corn, Improved                     |         |          |
| Evergreen                                | 1.50    | 12.00    |
| Dwarf Essex Rape                         | 2.50    | 20.00    |
| Dwarf Essex Rape Improved (True English) | 3.00    | 25.00    |
| Kaffir Corn                              | 1.00    | 8.00     |
| Sand or Hairy Vetch                      | 3.50    | 32.00    |
| Sorghum (Sugar Cane)                     | 1.00    | 8.50     |
| Soy or Soja Beans (Early Maturing)       | 1.60    | 12.00    |
| Sudan Grass                              | 3.00    | 28.00    |
| Sunflower "Mammoth Russian"              | 2.50    | 22.00    |
| Teosinte                                 | 9.00    | 82.50    |

### SEED CORN

All Seed Corn we offer is of strictly high-grade quality, grown and selected for us by men of long experience. None better obtainable.

#### McDONALD'S IMPROVED Special Leaming

|                                                                                                                                  | Bush.  |
|----------------------------------------------------------------------------------------------------------------------------------|--------|
| An ideal silo corn with short-jointed stalks, 8 to 12 feet, bearing an abundance of broad leaves and plenty of well-matured ears | \$3.25 |
| Improved Leaming                                                                                                                 | 3.00   |
| Clark's Mammoth Ded Dent                                                                                                         | 3.25   |
| Golden Glow                                                                                                                      | 3.25   |
| Wisconsin No. 7                                                                                                                  | 3.25   |
| White Cap Yellow Dent                                                                                                            | 3.25   |
| Early Minnesota King; very hardy; half-way between flint and dent                                                                | 3.25   |
| Mammoth Cuban Yellow                                                                                                             | 3.25   |
| Leaming Fodder                                                                                                                   | 3.00   |
| Paragon White (Mammoth Southern Sweet)                                                                                           | 3.00   |
| Red Cob Selected                                                                                                                 | 3.00   |

#### Flint Varieties

|                          |        |
|--------------------------|--------|
| Golden 90-Day Flint      | \$5.00 |
| Longfellow               | 4.50   |
| Compton's Early          | 4.75   |
| Canada Yellow            | 4.50   |
| Angel of Midnight        | 4.50   |
| Improved King Philip     | 4.75   |
| Sanford White Flint      | 4.25   |
| North Dakota White Flint | 4.25   |

#### EVERGREEN SWEET FODDER

The stalks are sweet, tender, juicy and very nutritious; the leaves very numerous, large, broad and succulent. Greatly relished by all stock. Dairy farmers claim this fodder greatly increases the milk and cream production.

lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$15.00.

#### Barley

|                 | Per bush. |
|-----------------|-----------|
| O. A. C. No. 21 | \$2.90    |

### Buckwheat

|              | Per |
|--------------|-----|
| Common Black |     |
| Japanese     |     |
| Silver Hull  |     |

### Flax Seed

Selected for Seed

### Oats

Deduct 10c. per bushel on quantities 10 bushels and upwards.

|                                                     |  |
|-----------------------------------------------------|--|
| Alsasman (New)                                      |  |
| American Banner (Registered. Put up in sealed bags) |  |
| American Banner                                     |  |
| American Banner (grown from Pedigreed Stock)        |  |
| O. A. C. No. 72                                     |  |
| Garton's Abundance                                  |  |
| Gold Rain                                           |  |
| 20th Century                                        |  |
| Victory                                             |  |

### Peas

|                           |  |
|---------------------------|--|
| Arthur                    |  |
| Canadian Beauty           |  |
| Golden Vine, No. 1, Fancy |  |
| Golden Vine, Choice       |  |
| Marrowfat                 |  |
| Prussian Blue             |  |

### Rye

Spring

### Tares

|       |  |
|-------|--|
| Black |  |
| White |  |

### Wheat

|                      |  |
|----------------------|--|
| Marquis (Bald)       |  |
| Red Fife (Bald)      |  |
| White Fife (Bald)    |  |
| White Russian (Bald) |  |
| Colorado (Bearded)   |  |
| Wild Goose (Bearded) |  |

### SEED POTATOES

For Shipment about May 1st.

|                   | 90 lb. s |
|-------------------|----------|
| Pioneer Pride     |          |
| Extra Early Ohio  |          |
| Early Rose        |          |
| Irish Cobbler     |          |
| Green Mountain    |          |
| Vermont Gold Coin |          |
| Empire State      |          |

### FEEDING STUFFS

|                        | Per sack of 10 |
|------------------------|----------------|
| Oilcake Meal           |                |
| Linseed Meal (Pure)    |                |
| Linseed Meal (Prime)   |                |
| Blatchford's Calf Meal |                |



# EVERY FARMER NEEDS THESE MODERN AIDS TO SUCCESS



## BLATCHFORD'S CALF MEAL

The Perfect Milk Substitute  
Raise better calves and save the milk. You can't afford not to use it. It will raise or veal-calves at one-fourth to one-half the expense of feeding milk. It is used and endorsed by Experimental Stations and farmers all over the world. It is the only milk substitute that contains all the elements necessary for bodily growth in the correct proportions. It pushes calves forward better and quicker than any other food. Calves relish it and find it "good to the last drop." A pound of it is equal in feeding value to a gallon of whole milk.

Price, 100 lb. sack, \$7.00.

## BLATCHFORD'S "FILL-THE-BASKET" EGG MASH

Why not feed your hens a mash, that without forcing or fattening supplies the surplus nourishment they need for continuous egg production. Blatchford's FILL-THE-BASKET Egg Mash is every bit food. It contains just the right combination of milk, milk-substitutes, meats and grains carefully ground to the correct degree of coarseness necessary for complete and easy digestion. In summer's heat or winter's snow, no matter where you are located, the surplus nourishment in FILL-THE-BASKET enables your birds to produce eggs as no other food can.

Price, 50 lb. sack, \$3.25; 100 lb. sack, \$6.25.



No one dreams today of doing things after the manner of yesterday. The way father or grandfather did it was all right in their time, but times have changed. The successful man of today takes advantage of all new methods, new discoveries and new machinery.

We present here a few of these tried and tested aids from the big lines carried in our different departments. We know them all and recommend them highly.

UP TO MARCH 15TH, WE DELIVER ALL ORDERS TO PURCHASER'S STATION, FREIGHT CHARGES PAID, PROVIDING ORDER AMOUNTS TO NOT LESS THAN \$25.00.

This applies only to points east of Fort William.

## FAMOUS 'AUTO-SPRAY' COMPRESSED AIR SPRAYER

This is the standard of all Compressed Air Spray-ers. No other will do such a variety of work and do

it so well. We recommend it for spraying of potatoes, trees, shrubs, vines, and for disinfecting poultry houses, stables, etc., also for use of fly oils on cattle. Eight or ten strokes of the plunger will compress the air in the sprayer sufficiently to keep it going for five to ten minutes according to opening of nozzle and will give higher and more forceful pressure than any other. The Auto-Pop nozzle supplied with this machine automatically controls the spray.

We guarantee the Auto-Spray to be perfect mechanically and to give satisfaction in every case. Price, Galvanized Tank, \$6.75, or by Express, prepaid, \$7.00.



## THE DEMING "UNIVERSAL SUCCESS" WHITEWASHING OUTFIT

While not of large size it is surprisingly big and powerful when it comes down to actual work. It is an ideal outfit for whitewashing poultry houses, stables, etc., and yet possesses all the essential features to make an excellent spray for trees, also for buggy and window washing, and as a protection against fire. The galvanized tank has a capacity of four gallons to which a foot rest is attached to make rigid when in operation. There is also a sliding cover with gravity lock and a strainer for the liquid. One of the most generally useful outfits we have ever handled.

Price, \$15.75, or by express, prepaid, \$16.00.



## THE "CYCLONE" SEED SOWER

The World's Standard.—A Seed Sower that every farmer can afford. It has proven in thousands of instances that it is the most accurate, the most convenient to operate and the most economical machine to sow Clover, Timothy and other farm seeds that can be sown broadcast. It runs easily and will distribute any desired quantity per acre. It will pay you a lot better to have a "Cyclone" than to do without it.

Price, \$2.25, or Postpaid \$2.50.



## PYROX

More Potatoes and Better Ones.

Pyrox kills bugs and flea beetles, prevents blight, invigorates vines, imparts a rich green color to the leaves and gives the little potatoes a chance to become big ones. Pyrox is as good for apples and other fruit and vegetables as for potatoes.

Price, 5 lb. Iron, \$1.75; 10 lbs., \$3.25; 25 lbs., \$7.50



## NO-FLY-NEAR

The name might be improved, but the preparation is about as near perfect as it can be made. We do not believe there is a fly oil on the market that can equal it for results.

NO-FLY-NEAR is the sure, safe, cheap and humane solution of the fly problem. It is also a bane to lice and vermin in chicken houses, coops and hog pens.

Price, 1 gal. size, \$1.25.  
5 gal. size, \$5.75.



PLANET JR. No. 8  
HORSE HOE AND  
CULTIVATOR  
The Best in All the  
World.

Planet Jr. Horse Hoes are more widely known and bear a higher reputation than any other Horse Hoe made. There is as much difference in the quality of steel used in this machine and the usual run of cultivators, as there is between the steel used in a Joseph Roger Sheffield knife and that of the ordinary forty-cent article. We have handled Planet Jr. goods continuously for the past thirty years, and as a result can speak of them in unqualified terms.

The Planet Jr. is made entirely of steel, well braced and adapted to all conditions. The frame is extra long and high, it closes to 10 inches and opens to 25 inches. The handles are adjustable up, down and sidewise.

The cultivator teeth are of high carbon, beveled steel, thereby making them self-sharpening, and the point retains its shape, greatly prolonging the life of the steel. The patent hillers are reversible for hoeing and hilling. Can be run close to the plant without endangering the roots.

If you have need of a One Horse Cultivator, we particularly want you to have a Planet Jr. True it costs more than the general run of cultivators, but it's better worth the price.

If you buy a Planet Jr. and it is not as we say, you can have full return of every dollar you paid for it. Surely a fair proposition. Let us ship you a Planet Jr. Price, \$21.00; or by freight, prepaid \$21.50.

## CORVUSINE D. G.

Have you ever used Corvusine? If not, you have been missing a really good thing. Corvusine means Seed Production and Crop Insurance. It eradicates "smut" by preventing it from spreading and finally destroying the crop. It protects the seed from birds and vermin. Corvusine comes to the user all mixed and ready for the purpose, thus there's no chance of applying Corvusine too strong or too weak, it must be just right. Full directions will be found on each can. Price, No. 1 size, sufficient for 12 to 16 bushels of grain or corn, \$2.25.

No. 2, 30 to 40 bus.  
\$4.50.



PLANET JR. No. 4, COMBINED HILL AND DRILL SEEDER WHEEL HOE, CULTIVATOR AND PLOW.

This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow. In a word, with a great variety of tools, excellent in design and quality, it is without an equal for easy adjustment, lightness, strength and beauty. It is a practical, every day, time, labor, and money-saver. It sows in continuous rows with great uniformity and drops with accuracy in hills, 4, 6, 8, 12 or 24 inches apart. The feed is automatically stopped by raising the handles, and started by lowering them.

Price complete, as shown in cut, \$21.00; or by express, prepaid, \$21.50. As a Seeder only, \$17.00; or by express, prepaid, \$17.50.



## THE IMPROVED CLIPPER CLEANER

The best of all cleaners for general farm use. There is positively nothing to equal it for the cleaning, grading and separation of all kinds of grain and seed. The VERTICAL AIR BLAST in this machine is a feature no other cleaner possesses, and makes possible some very difficult separations that can be made in no other way. For instance, when cleaning seed wheat, if the blast is properly regulated, and the mill turned just fast enough, all the shrunken kernels can be blown out or plumped grain which is the choicest kind separated, leaving only the heaviest, of seed. The same is true when cleaning seed oats, the VERTICAL BLAST blows out the light chaff kernels and "pin oats" leaving heavy weight, high grade seed.

Clipper Cleaners are used and recommended by Agricultural Colleges, Experimental Farms and Stations, both in Canada and the United States, also by Seedsmen generally, and by thousands of progressive farmers everywhere throughout the agricultural world.

Do not look upon the Clipper as an expense, as it is one of the very best investments and will pay you the largest possible dividends.

Price, \$45.00 freight paid to your station



# Planet Jr. Tools



No. 8

## PLANET JR. SEEDERS

**No. 1 COMBINED DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW.** Holds 3 pints. Has plow to open furrows, and covering attachments which throws soil on top of seed. Complete attachments. \$17.00.

**No. 2.**—Similar to No. 1, but larger. Holds 2½ quarts—no cultivating attachments accompany this Drill Seeder. Price \$14.00.

**No. 3.**—A moderate priced Hill & Drill Seeder. 15 inch Steel Driving Wheel. Hopper holds 3 quarts—\$20.00.

**No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW.**—A splendid all-season tool; durable, easy running and accurate. Sows all garden seeds in continuous rows or hills. Opens furrows, drops seeds, covers, rolls down and marks out next row at one passage. Price \$21.00.

**No. 4D (PLAIN).**—As a Seeder only. Seed Hopper capacity 2½ quarts. \$17.00.

**No. 25.—PLANET JR. COMBINED HILL AND DRILL SEEDER, DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW.**—As a Seeder is practically the same as the No. 4 and has same steel frames and attachments as the No. 12 Double Wheel Hoe. Capacity Seed Hopper 2½ quarts. Price complete, \$25.00.

## PLANET JR. WHEEL HOES

**No. 11.—PLANET JR. COMBINED DOUBLE AND SINGLE WHEEL HOE CULTIVATOR, PLOW AND RAKE.**—Has steel frame and 15 inch steel wheels. Will straddle crops until too high, then can be worked between rows with one or two wheels. The best hand cultivating tool. Price \$16.50.

**No. 12.—PLANET JR. DOUBLE AND SINGLE WHEEL HOE.**—Has steel frames and 14 inch steel wheels. Straddles crops till 20 inches high, then works between rows. A great hand cultivator. Price \$13.50.

**No. 13.—PLANET JR. DOUBLE AND SINGLE WHEEL HOE.**—This Hoe has same steel frames and handles as Nos. 11 and 12, but has for equipment one pair 6 inch hoes only. Price \$10.00.

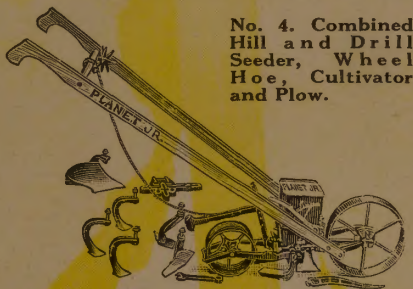
**No. 16.—SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.**—There is scarcely any work of garden cultivation of which this tool is not capable. Price, \$11.50.

**No. 18.—PLANET JR. SINGLE WHEEL HOE.**—A low priced machine which does valuable work. Steel frame and wheel, with pair 6 inch oil tempered hoes. Price, \$7.00.



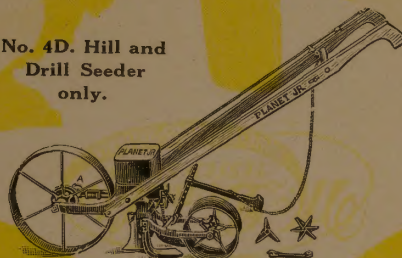
Twelve Tooth Harrow.

**EVERY GARDENER** and farmer knows that good paying crops are impossible unless the soil is kept free from weeds and the moisture retained by frequent hoeing or cultivation. For this purpose Planet Jr. tools stand in a class by themselves. The attachments are so varied that there is scarcely any work they cannot do with a great saving to the user. Space will not permit of our listing all the Planet Jr. machines we carry. If interested in other styles, write us for special illustrated catalogue which fully describes these famous tools in detail.

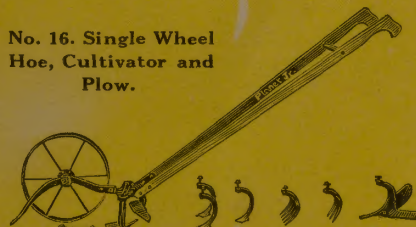


No. 4. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.

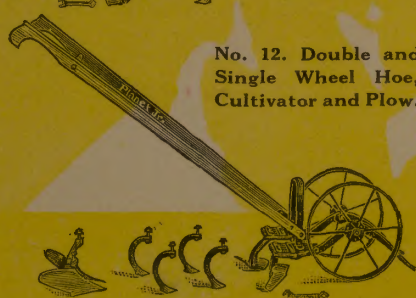
No. 4D. Hill and Drill Seeder only.



No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow.



No. 16. Single Wheel Hoe, Cultivator and Plow.



No. 12. Double and Single Wheel Hoe, Cultivator and Plow.



No. 4

**No. 19.—PLANET JR. SINGLE WHEEL HOE, CULTIVATOR AND PLOW.**—Specially designed for the farmers garden work. Has high steel wheel; cultivating tooth for deep work and marking rows, a plow and one five prong rake attachment for both deep and shallow work. Price, \$7.00.

## HORSE HOES AND CULTIVATORS

**No. 8.—PLANET JR. HORSE HOE.**—Stronger, better made, and capable of a greater variety of work than any other cultivator. Non-clogging steel wheel. Depth regulator and extra long frame make it steady and easily handled. Price, \$21.00.

**No. 7.—PLANET JR. HORSE HOE.**—Similar to No. 8. Has cover wheel but has no depth regulator. Price \$20.00.

**No. 9.—PLANET JR. CULTIVATOR.**—Has patent specially hardened steel teeth which keep sharp and add 50% to the wear. Is strong and light, with steel wheel lever expander, hollow steel standards, and a steel draft hook. Simple, practical and always ready for business. Price \$18.00.

**No. 9D.—PLANET JR. CULTIVATOR.**—Similar to No. 9 Cultivator but without wheel. Price \$16.00.

**No. 90.—PLANET JR. 12 TOOTH HARROW, CULTIVATOR AND PULVERIZER.**—Invaluable for strawberry culture and general market gardening. Has the new steel wheel which prevents clogging. Its 12 chisel shaped teeth cut out all weeds, stir and mellow the soil and leaves the ground in the finest condition without throwing dirt on the plants. Price complete \$21.00.

**No. 90B.—PLANET JR. 12 TOOTH HARROW.**—Similar to preceding style but without pulverizer. Price \$17.50.

**PLANET JR. No. 72 PIVOT WHEEL CULTIVATOR.**—The highest type of two-horse cultivators. This tool is the best ever sold for the thorough and economical cultivation of Corn and Potato Crops as well as all other crops planted in rows from 22 to 44 inches apart. It will easily save its own cost in one season on fifty acres. Space will not permit of a full description of this highly developed machine. To those interested we shall be pleased to mail, upon request a finely illustrated book describing fully this splendid tool. Price \$132.50.



No. 72. Pivot Wheel Cultivator





TOMATO  
CHALK'S EARLY JEWEL  
PKT. 10¢ 1 OZ. 60¢



CAULIFLOWER  
McDONALD'S SELECT ERFURT  
PKT. 25¢

Kenneth McDonald & Sons Limited  
Market Square OTTAWA Canada